A TRIBUTE

By Karl B. Musser

UNQUESTIONABLY, livestock breeding can be classed as one of the most fascinating agricultural persuits. There is without doubt full agreement as to the amount of study and wisdom needed if success is to be attained. The successful breeder is always a student. He never completes his researches and ever marvels at the stern laws of inheritance.

It is given to but few to grasp the insight necessary to cause a majority of matings to either maintain a present standard or accomplish improvement. Some progress in their own conception of the word, while others broaden the field and leave the stamp of approval to the judgment of the livestock public. The breeder, generally speaking, who does not need to look to his herd for profit may by his own standards attract a small clientele, but the breeder with his financial success dependent upon his breeding work must have in addition to his own standard full cognizance of market demands at all times.

It, therefore, is signal recognition when fellow breeders at the Annual Meeting of THE AMERICAN GUERNSEY CATTLE CLUB presented Joseph L. Hope, Florham Farms, Madison, New Jersey, with an engrossed testimonial. The beauty of this testimonial lies in its simplicity, its expression of love for the man and its admiration for accomplishments in livestock breeding, but most of all to those who know Mr. Hope the implied parts between the few lines speak vastly more than does the engrossed statement.

JOSEPH L. HOPE

Countless breeding establishments have been hopelessly abandoned because of impatience. The patient quality characterizes one of Mr. Hope's attributes. Half a century finds him diligently studying to contribute more to his chosen breed's progress. Vanity has built a wall barring patronage to some breeding herds, but Mr. Hope's modesty has built in the hearts of his fellow breeders both admiration and a desire to patronize.

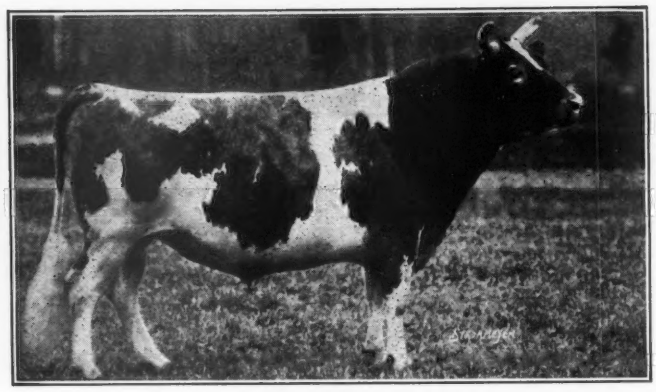
Slow to anger and without malice Mr. Hope has met his disappointments, profiting always by them until he has built for himself a reputation that is the ideal of a very large group of young men in livestock work. There is honor in the testimonial, greater honor in its general recognition beyond its words, but the greatest honor is the joy it causes young people.

An eleven year old boy was walking to school in Peterboro one morning this spring. He seemed to demand some attention that morning, as his freshly combed hair brought his intelligent forehead to view. His clean white blouse was tucked neatly into his shorties that ended at the sturdy healthy legs and even the knees below were clean and bare and the smell of shoe polish was evidence enough that the school week was starting "slick and clean."

"Good morning Junior," we called. He stopped and saluted—you know we have a courtesy contest in Peterboro demanding a salute, when uncovered, to a boy's senior—and said, "Good morning Mr. Musser." After the usual banter we enjoy with these boys we said, "Who do you want to be like when you grow up Junior?" Without a second's hesitation he said, "Father." We did more thinking that day than usual about the kind of father we are, but as we sit penning this tribute to Mr. Hope the story seemed appropriate because Harold Hope's membership application reposes in the files awaiting election to membership in THE AMERICAN GUERNSEY CATTLE CLUB. We could not resist adding this bit of evidence that Mr. Hope has been an inspiration to Harold—no greater tribute can be paid a man than when his son seeks to emulate him.

Mr. Hope has written with indelible ink an outstanding record with Guernseys and we are happy that he knows it has been read while yet he has an opportunity to add new paragraphs.

Holliston Guernseys Breed On



Langwater Holliston 28055, A. R.

Herd sire at Rockingham and Greycourt Farms and fountain head of the prepotent Holliston Family, is now 15 years of age.

Langwater Holliston 28055 has

33 A. R. Daughters 8 A. R. Sons 3 A. R. Grandsons

His Daughters

have an average of 582.38 pounds fat, only four records at mature age and 18 with first calf. All but five of his daughters old enough to have completed a test have qualified for the Advanced Register. Three have been Class Leaders. Four are Great Producing Dams. Langwater Levity 70293 was Grand Champion at the National Dairy Show, 1923, and her daughter, Shuttlewick Levity 101850, was Champion of 1927.

His Sons

have sired many high producers, including 6 Class Leaders. Brilliant Lassie 86452, by Lord Methuen 39442, A. R., is the Champion long time producer of the breed with 7 consecutive records averaging 683 pounds fat.

Holliston Guernseys are Prepotent

BREEDING STOCK FOR SALE

Rockingham and Greycourt Farms

Salem, New Hampshire - - Methuen, Massachusetts

Federal accredited and subject to agglutination test for infectious abortion

C. E. TISDALE, *Mgr.*—Address correspondence to D. G. TENNEY, *Owner*, 535 Fifth Avenue, Room 1002, New York City

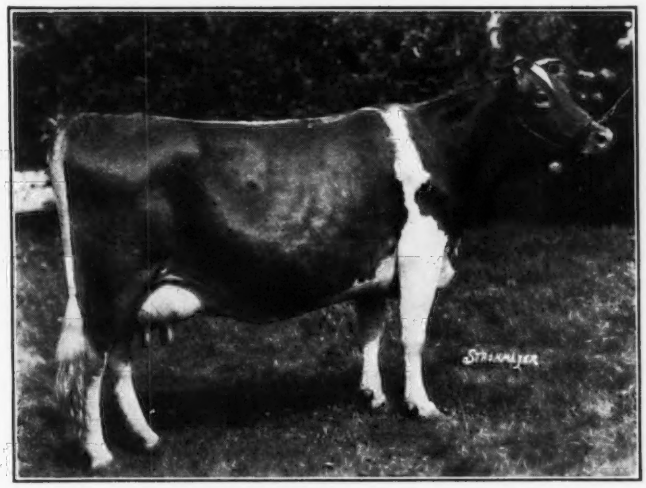
GUERNSEY BREEDERS' JOURNAL

VOLUME 36 JULY 15, 1929 NUMBER 2

Tense Moments

A Tanbark Battle Royal at National Dairy Show

HAVE you ever sat in the grand stand, straining to see and keyed to the highest pitch of excitement and interest, watching a race between two great horses with everyone pulling for their choice to win? What romance, tragedy, money involved, and human interest is usually packed into such a race. Competition, that welder of human progress, is found on the tanbark as well as on the race track. Many are the tense moments experienced by those at the ringsides of our great livestock shows.



Ma Chere Princess 65246, owned by the late Harry B. Stout

I doubt if there ever was a race that excelled in intense interest the contest between two great matrons of the Guernsey breed at the National Dairy Show in 1922. The winning of the purple ribbon for grand champion female is the ambition of every breeder who shows cattle. To win this ribbon is the most difficult test and the greatest honor our shows offer. To be successful the female must not only have type, but competition is usually so strong that she must be in bloom—or in other words in the pink of condition. To achieve this honor was the ambition of the late Harry B. Stout who will always be remembered as a gentleman and true sportsman.

Early in the summer of 1922 Mr. Stout called W. W. Marsh, owner of the cow that Mr. Stout knew he must defeat to win, and asked him to accompany him on a tour of the leading herds in search of a winning cow. Mr. Marsh wished Mr. Stout good luck but declined the invitation. D. D. Tenney of Minneapolis, Minnesota, and F. K. Babson of Chicago, Illinois, accepted Mr. Stout's invitation and after two weeks of travel covering 4,000 miles, a cow was selected. Mr. Stout was a man of great means and he spared no expense in securing the cow that was thought good enough to win. One of the best fitters and showmen in the country was selected to handle Mr. Stout's herd on the show circuit.

The two herds took different fair circuits and at each of the shows their respective cows were made grand champion female. Each cow had won this honor at five of the leading state and sectional shows before coming together at the National Dairy Show. Naturally there had been much talk about these two cows all over the show circuit and speculation was high as to which would win the purple. Could a more dramatic setting have been laid?

In one of the cows we find the ideal of a breeder, the culmination of years of careful thought in selection and mating. Mr. Marsh, the breeder, had both the dam and sire of his cow as well as most of the ancestors for several generations back. The other cow was the find of unlimited capital to buy the ideal. Both owners keenly desired to win and both were true sportsmen.

The aged cow class was led into the ring directly after lunch and the ringside was soon packed with a crowd eager to learn the judges' choice. Interest was intense, not only among the Guernsey people, but among the showmen and breeders of other breeds. All other judging stopped as those showing other cattle simply walked over, with their animals, to where they could see the battle between the two great cows. Many a ringside watcher struck a match to light a cold cigar without completing the process.

The judges of this class, Professor H. H. Kildee of

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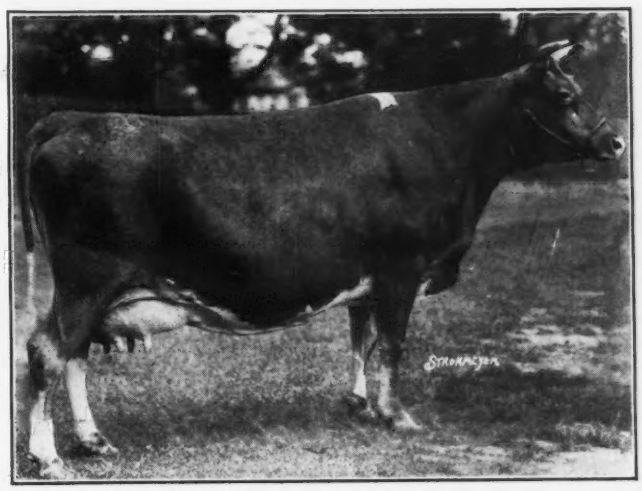


Jeanette of the Prarie 2d 69685, owned by W. W. Marsh

The Technique of Fitting and Showing

Guernseys on the Tanbark Trail

By Ray Klussendorf

SOME time before the first show, preparations must be made for getting the cattle to the fair grounds. If the cattle are to be exhibited only at the local show the problem may be entirely different than if a circuit of fairs is to be followed. If you plan to show at your home fair only it may be possible to lead the cattle to the fair grounds and so solve the problem of transportation. If the distance to the fair grounds is somewhat greater and the cattle are to be shown only at the one fair, or at a small number of fairs within a short radius, it may be advisable to transport them by truck.

If the trucking can be done with a large truck in which the cattle can ride crosswise of the body probably the best way to load them is with the largest animal next to the cab, facing to the right, the next in size placed beside this one, but facing to the left, and so alternating, with no animal facing the same way as its immediate neighbor. This eliminates the chance of having a large animal crowd a smaller neighbor enough to unbalance the load and also keeps the animals from crowding each time the truck gets off the middle of the road so that the bed of the truck inclines slightly to the right or to the left.

Usually cattle should not be trucked unless the trip can be made in four hours or less, if one expects to make the entire trip without unloading. If more than one animal is occupying the truck there is danger if one lies down and it will be most satisfactory to crowd them in sufficiently so that none will try to lie down and also closely enough so that they cannot lean in a struggle for more room and lose their footing by crowding too hard. There is more danger, in a truck, of giving the cattle too much room than there is of giving them too little, unless stalls are built into the body of the truck.

A Home On Wheels

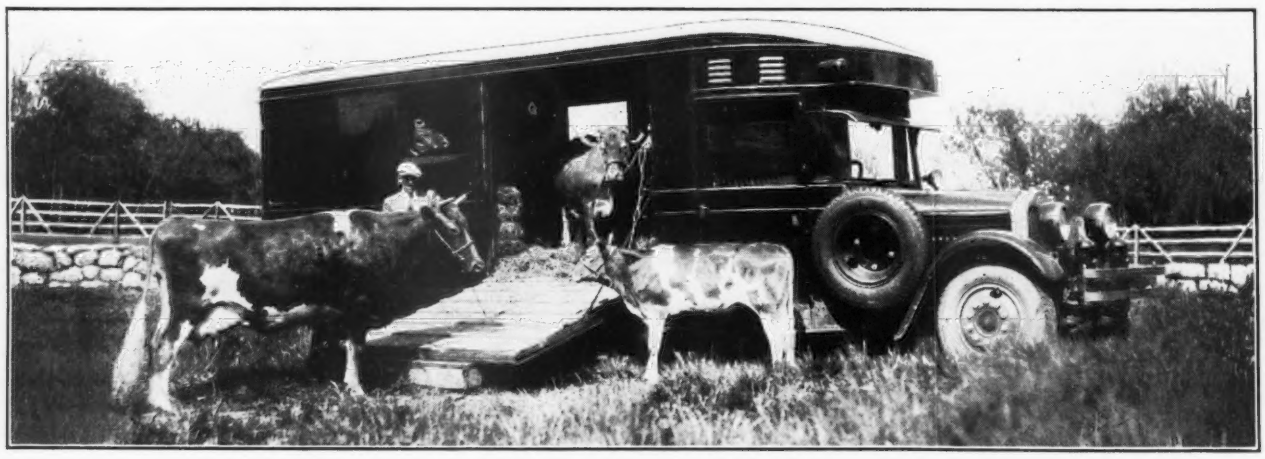
IF the shipments are to cover considerable distances before the end of the season it is advisable to use a freight car or express car. In connection with the freight car, it is well to remember that in collecting refund the last shipment must end where the first one started, and for this reason you should use the car when going to the first fair you attend that is not at your nearest freight station. The kind and size of the car will vary according to the number of animals to be exhibited and the number of fairs to be included in the circuit.

A furniture car can be used, but it is hard to ventilate sufficiently so that the cattle back in the corners will not suffer during hot weather. The stock cars are fairly satisfactory during the early part of the season, but offer little protection when the temperature drops, and it is hard to keep feed and bedding dry in them during a driving rain.

Plenty of Air

A VERY satisfactory car to use in shipping Guernseys, providing the circuit is inclusive enough to justify rigging up a car, is an Arms-Yager horse car. These cars are equipped with springs that make them ride comfortably when loaded with cattle, and they are well ventilated. This means not only that they supply plenty of air in hot weather but also that they offer protection in a driving rain, or when the temperature drops. The sides are open, but screened, and are equipped with sliding doors which can be raised or lowered as conditions demand. These cars are high enough so that a deck can be built in over the cattle. This deck should be high enough to insure free circulation of air underneath, but this will still leave room on the deck for baled hay, beet pulp, and other materials necessary on the road. It will not permit the carrying of several extra tons of grain from home, however, as some showmen do in the higher furniture cars.

This deck should be provided with a tight floor and if built from the heads of the cattle back as far as the partitions go it will be accessible throughout its entire length at all times. Materials can be placed on the deck when the cattle are not in the car and getting it down is not much of a job, even though the cattle are in the car at the time. By marking out the stalls for the cattle the deck may be supported at these places by pieces of two by six at the wall in front of the cattle and about at the hips. Merely



An illustration of trucking cattle a considerable distance, when Firestone Farms, Akron, Ohio, shipped these four head from their farm to the National Sale at Trenton, New Jersey. The animals came through in good condition In return they took back several head purchased at the sale.

nailing a few boards across these supports from front to rear will make satisfactory partitions which will be solid.

Two animals can ride in one stall very satisfactorily for the most part, but each bull over eighteen months of age should have a single stall. Occasionally it may be advisable to give a cow with a large udder a stall by herself to reduce the danger of having her teats stepped on. Two animals can ride comfortably in less space when they are in one stall than if each had an individual stall. If more than two animals are put into one stall, however, there is a possibility that one will swing crosswise of the stall while the others are crowded to one side, or are lying down, and this sort of a tangle is hard to straighten out in a moving car, especially if it happens at night.

Fresh Water

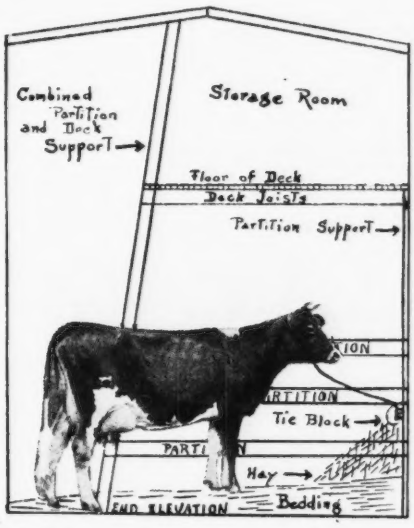
PROVISION should be made in the car for carrying enough water to last at least twenty-four hours. Barrels have been used but it is almost impossible to get a cover to fit closely enough to prevent slopping over when the car is in motion. A cylindrical tank of sheet metal twenty-four to thirty inches in diameter can be set up on end in the alleyway of the car and occupy very little floor space. If such a tank five feet deep, and fitted with a faucet, is placed upon a stand so that a pail can be set under the faucet it works very well and insures fresh clean water over a considerable period of time. By demanding water at each division point there should never be a shortage of water.

It is well to plan your car and regulate your load so that there will be no cattle between the doors, this space being reserved for the chests, a place in which to stretch your legs comfortably while travelling, and a place to mix the feed and beet pulp at feeding time. At night the man in charge can sleep here and be ready to take charge of whatever situation presents itself.

The Herd Travels on Its Stomach

WHILE the cattle are in the cars the feeding problem again demands close attention. The amount of grain should always be reduced while the cows are in the car, and in hot weather this reduction may amount to fifty per cent. of the normal allowance. Replace the grain with beet pulp, use a little extra molasses and feed a little extra salt on the cars. The molasses and salt will tend to make the cattle drink more water and so help to regulate the bowels. Feed timothy or light-mixed hay rather than clover, and feed alfalfa sparingly, if at all, being careful not to use any musty or hot alfalfa.

Water the cattle at least three times a day even though all of them do not drink every time you offer it.



Showing the method of arranging a box car for shipping animals, the rear elevation

In order to encourage the cattle to drink small amounts frequently never give more than two pails of water at a time to mature animals, and correspondingly less to the younger ones—a pail full at a time to yearlings and half a pail to calves.

Water probably causes more digestive disturbances than feed but the trouble can be eliminated to a large extent by reducing the amount of water offered at one time. This is especially true on the cars where the water is different every time the tank is filled, and early in the week before the cattle become accustomed to the change in water. On show day it sometimes becomes necessary to use more water at one time, but cattle can be filled more safely and more satisfactorily in other ways which will be discussed later.

The First Fair

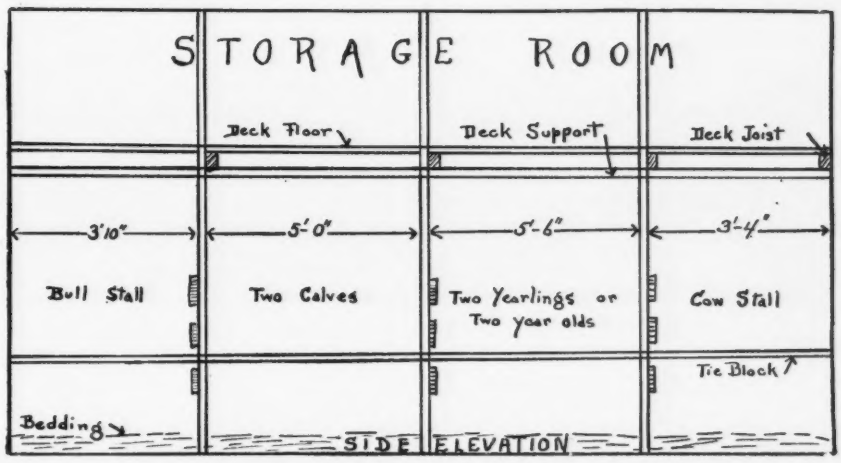
WHEN your car arrives at the city in which the fair is to be held, inquire for the yard master and find out how soon the car will be transferred to the unloading chute at the fair grounds. If you have a man you can leave with the cattle find out how to reach the fair grounds and go on ahead to prepare for the arrival of the cattle.

The first thing to do when you reach the grounds is to find the cattle superintendent or one of his assistants. Find out from him which stalls have been assigned to you and then find the forage department and order enough shavings and straw delivered to these stalls so that you can make a good generous bed for the cattle, and enough hay to give them a liberal feed.

Attractive Exhibition

GUERNSEYS are shown primarily for the advertising the herd derives from the exhibit. The time to plan your exhibit is before you begin to bed down for the cattle. When you see the stalls and the surroundings you must decide at which end to put your large animals, how you will line them up and how much space you can allow for each animal. The amount of bedding used for the larger animals is, of course, greater because there is more space to cover. A bale of shavings and a bale of straw makes a fair bed for a double stall, but if you want to make your exhibit stand out double that amount.

When shaking up straw keep the forward end high. The front feet are moved a great deal and unless they are supplied with more straw at the start they will stand at a



A rough sketch of a side elevation of a box car, giving the size of the stalls

Where the bedding in the exhibit barn is simply thrown on the ground with no attention given the edge

lower level than the hind feet, that is not the desired position. By tamping the bed with the back of the tines of the fork as more and more straw is added a fairly firm bed can be secured. Allow plenty of room for the animal to stand on the bedding even though it is back as far as the halter rope will permit. At this point the bedding should be at least four inches deep.

Making up the Line

To make a neat appearing line behind the cattle it used to be customary to put in a two by four or a two by six on edge at the desired line and bank the straw out to it. Putting this in for each fair involved a lot of work, and a scheme has been evolved that makes it unnecessary. By holding the fork so that the tips of the tines are just about parallel with the floor the loose ends of straw can be folded under the bed by sliding the fork along the floor from the middle of the aisle to the bed. There is a little knack to this that is hard to explain, but by standing at one end of the string, facing down the line, holding the fork as outlined above, with the handle in the aisle rather than over the bed, and then drawing the fork under the bed, just enough of the tines will go under the bed to insure the desired effect. Go down the line this way, tying under loose ends all along, then come back, tamping the surface of the bed to insure its compactness that is partially destroyed by the folding under of the loose ends. Then go down the line again turning under the straws which have been loosened and repeat this until the desired effect is secured. It is almost impossible to get the right result the first day, but after a day or two of close attention the line will be as straight as though a plumb line had been used and there will be no loose ends to mar the effect

Hold That Line

In order to keep this line be careful not to step on the edge, and above all, do not back a cow down over it. Turn her around so that she is stepping forward when she comes over or she will break out a big chunk of the line. All of the time you are getting this line made up to suit yourself keep putting a little straw under the front feet so that they will be at least as high as the hind feet. It may be well to lead the cattle out of the stall the next day and rebuild the front end on top of the material that is firm. The development and the maintenance of this line is a very good illustration of the old adage "Eternal vigilance is the price of success."

But to return to the herd. Having the bed all laid down and neatly arranged put in some hay and you are ready to receive the cattle as soon as they reach the unloading chute. Decide which stall each animal will occupy, and as you lead them from the car put each animal where it belongs. The hay will keep them occupied while you finish unloading and get a truck to bring the chests, feed buckets, and other necessaries from the car. Give the cattle a full feed as soon as you can get around to it, and then water, being careful not to give enough to cause scouring. Let them nibble at the hay you put down before they arrived. The cattle need a rest and should not be disturbed for the rest of the day, except for feeding, watering and milking.

A two by four may be used to hold the bedding in as illustrated above

While the cattle are resting and activity is low, it is a good idea to clean out the car quite thoroughly before locking it up. This gives it a chance to dry out and cool off during the time the cattle are in the barn, and it will be ready to start the next trip with as soon as you put in some clean bedding.

The War is On

After the cattle have had a good rest you may begin to get them ready for the first show. Give them a thorough brushing and wash out the tails, which should be a regular procedure throughout the fitting and showing periods. A stained switch does not create a good impression and the stain should be removed as early as possible and kept out by washing the switch each day.

Having finished this brushing, clean up the horns with a little steel wool, and if any nicks have appeared take them out with a file. Then you probably will want to do some clipping—trimming up the face and tail and possibly some of the bellies. Once you have the lines marked out by a previous clipping this trimming may be done rapidly, and as it is a dirty, disagreeable job we like to trim the whole herd in one day.

If Guernseys are to be shown early in the week both clipping and the horn work may need to be done in one day, along with some other preparations which usually go until the day before showing. In order to avoid complications and misunderstanding it will be best to discuss the day before showing as though the clipping and horn work had been completed earlier in the week.

On the day before the showing, then, give the morning feed as usual, with water and hay. After breakfast brush thoroughly and as each animal is brushed have the stall cleaned and rebedded so that the animal will have clean dry bedding and there will be no danger of staining through. When this has been accomplished check up on the

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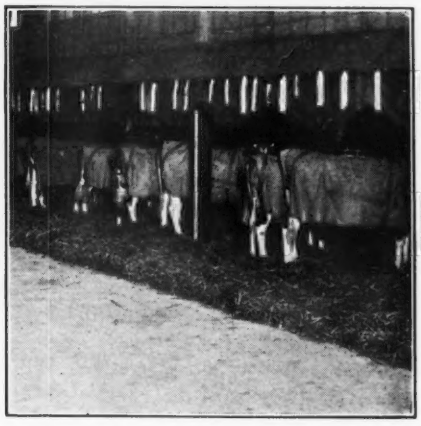


The best method is to turn the bedding over and prepare an edge as explained in the text

The Fair Circuit For 1929

A Digest of Some of the More Prominent Fairs

THE digest of fairs given herewith is following a custom established by the JOURNAL three years ago. While it means considerable work on the part of the office we feel that the effort is more than repaid through the appreciation shown by breeders and the fair associations. Our response this year was better than ever to the questionnaire sent to the various associations.

The main object of this digest is to assist the breeder in making out a circuit for his herd. Another most important reason is to assist the fairs in placing before all of the progressive breeders of Guernseys the offerings in the various states of the Union. Any omission from this list is not because of lack of effort on the part of the JOURNAL to secure the information but rather the overlooking of the questionnaire by the secretaries or management of the fairs. Our endeavor has been to reach the larger institutions and to incorporate into a digest all of the information secured from each fair.

California

The California State Fair, Sacramento, California, will be held August 31 to September 9. The total dairy awards will amount to $10,335. Guernseys will be awarded $1,900. There will be twelve classes. Guernseys will be judged on Wednesday, September 4, by H. W. Cave, Manhattan, Kansas, and H. G. Van Pelt, Waterloo, Iowa. The cattle associations and clubs will hold meetings and banquets during the fair.

The Pacific Slope Dairy Show will be held in Oakland, California, November 16 to 22.

Southern California Fair will be held September 24 to 29 at Riverside, California. The total dairy awards will amount to $3,373 with Guernseys receiving $707. Guernseys will be judged on Wednesday, September 25, probably by F. W. Atkeson, Moscow, Idaho. A feature of the fair will be the dairy products contest.

Colorado

The Colorado State Fair will be held at Pueblo, Colorado, September 16 to 22. Total dairy awards will amount to $3,110 of which Guernseys will be awarded $649.

National Western Stock Show, Denver, Colorado, will be held January 18 to 25. Dairy stock will be awarded $2,504, with Guernseys receiving $626. There will be twenty-four classes. Guernseys will be judged on January 21. A milking contest will be a feature of the fair.

Connecticut

The Connecticut State Fair, formerly held at Hartford, Connecticut, has been discontinued and there will be no fair held in this city for 1929.

Georgia

Georgia State Exposition, to be held on October 14 to 19 at Macon, Georgia, will award $3,000 for dairy cattle, with $1,000 being awarded to Guernseys. There will be twenty-five classes. Guernseys will be judged on Tuesday, October 15.

Illinois

Central States Fair and Exposition will be held at Aurora, Illinois, on August 9 to 16. Dairy cattle will be awarded $8,202. Guernseys will be awarded $1,375, an increase of $475 over the premiums of last year. There will be five classes. The judging date for Guernseys is Wednesday, August 14, when J. B. Fitch, Manhattan, Kansas, will place the awards.

Danville's Great Free Fair will be held August 26 to 31 at Danville, Illinois.

Illinois State Fair, held at Springfield, Illinois, August 17 to 24, will award $15,790 for dairy cattle. Guernseys will be awarded $3,400. There will be eighteen classes.

International Live Stock Exposition will be held at Chicago, Illinois, November 30 to December 7. There will be no dairy cattle classifications.

Kankakee Inter-State Fair will be held at Kankakee, Illinois, August 12 to 17. Dairy cattle will be awarded $3,824, of which Guernseys will be awarded $500. Guernseys will probably be judged on August 14.

Indiana

Indiana State Fair will be held August 31 to September 7 at Indianapolis, Indiana. The total dairy awards will amount to $12,120. Guernseys will be awarded $2,983. L. S. Gillette, Fostoria, Iowa, will judge Guernseys on Wednesday, September 4.

Iowa

Burlington Tri-State Fair will be held August 5 to 10 at Burlington, Iowa. Total dairy awards will amount to $834 with Guernseys receiving $278. Professors H. H. Kildee and Earl Weaver, Ames, Iowa, will judge Guernseys on August 6. A dairy calf club show will be a feature of the fair.

Dairy Cattle Congress will be held September 30 to October 6 at Waterloo, Iowa. Total awards for dairy cattle will amount to $19,500 with Guernseys receiving $3,300. The premium list this year is the most attractive that this exposition has yet offered. It contains twenty-seven classes with ten moneys offered in each for the Holstein, Guernsey, Jersey, Brown Swiss and Ayrshire breeds. As heretofore, special emphasis is placed on the get of sire and other classes which encourage consistent breeding operations. While there are no special official record cow classes, cows having records will be given recognition by the payment of a fifty per cent. increase in premiums offered in the regular classes. For such recognition cows are required to have produced, on official test of 300 days or over, butter fat exceeding fifty per cent. of the requirements for admission to the Advanced Register. Guernseys will be judged on October 1 and 2 by Professor H. H. Kildee, Ames, Iowa.

Iowa State Fair will be held at Des Moines, Iowa, on August 21 to 30. Dairy cattle will be awarded $13,630, of which Guernseys will receive $2,600. This is one of the largest sums the Iowa fair has ever provided for Guernsey cattle, and is in keeping with general increases in nearly all departments of this year's exposition. There will be forty-three classes. The Guernsey classification is very complete and has been made up after careful consultation between fair officials, association leaders, and prominent breeders. It will provide for one of the finest Guernsey shows ever witnessed at this fair, it is believed. Guernseys will be judged on August 28 by George M. Newlin, Fond du Lac, Wisconsin. A noteworthy exhibit will be the Iowa Dairy Exposition. This event shows graphically the wonder-

ful strides which Iowa dairy interests have made during recent years and gives to the public a vivid picture of the many fields now covered by present day dairy science. The show is sponsored jointly by the Iowa Department of Agriculture, Iowa State College, the State and National Dairy Councils, the Iowa Creamery Association and the Iowa State Fair Board. Of special interest in this section will be the exhibit devoted to the famous "Iowa Brand Butter," the display taking up the nutritive value of dairy products, the demonstration of butter, cheese, and ice cream making and the giant statue at the entrance of the show that is carved entirely from Iowa butter. An announcement received from secretary A. R. Corey states that all livestock will be housed in modern, airy, fireproof barns, and every possible convenience will be provided to exhibitors. The Iowa State Fair is a member of the Midwest Fair Circuit that extends special assistance and facilities to exhibitors in routing and shipping their stock to leading expositions of the midwest and southwest.

Kansas

Kansas Free Fair will be held at Topeka, Kansas, September 9 to 14. Total dairy awards will amount to $3,678 with Guernseys receiving $537. There will be twenty-two classes. Professor H. W. Cave, Manhattan, Kansas, will judge Guernseys on September 12. Being the home of one of the largest creameries in the United States and well supplied with others, Kansas naturally expects a competent showing of creamery products and machinery and she has them at this fair. There is also an exhibit of country butter and cottage cheese in the dairy building. One conspicuous factor in the dairy end of the Kansas Free Fair has been due to the activities of the Kansas Dairy Congress. This organization has set aside a "Dairy Day" with a program of addresses by dairy leaders and musical numbers.

Kentucky

Kentucky State Fair will be held at Louisville, Kentucky, September 9 to 14. Total dairy awards will amount to $5,319. Guernseys will be awarded $505. There will be seventeen classes. Guernseys will be judged by Hugh G. Van Pelt, Waterloo, Iowa.

Louisiana

South Louisiana State Fair will be held October 13 to 20 at Donaldsonville, Louisiana. The total awards offered for dairy cattle amount to $1,335, of which Guernseys will be awarded $374.50. There will be three classes. October 14 will be Guernsey judging day.

State Fair of Louisiana will be held at Shreveport, Louisiana, on October 31 to November 11. Total dairy awards will amount to $3,544.40. Guernseys will be awarded $577. There will be twenty-two classes. Guernseys will be judged on November 8 by Professor C. H. Staples, Baton Rouge, Louisiana.

Maine

Maine State Fair will be held at Lewiston, Maine, on September 2 to 5. Dairy cattle will be awarded $4,000, with Guernseys receiving $400. There will be eleven classes. Judging of Guernseys will take place on September 3.

Maryland

Maryland State Fair will be held at Timonium, Maryland, September 2 to 7. Dairy cattle will be awarded $6,860. Guernseys will be awarded $3,320 of which $1,200 is offered by the Eastern Guernsey Breeders' Association for prizes to county herds coming from counties in New Jersey, Delaware, Pennsylvania and Maryland. These county herds are to consist of one bull two years old or over, one bull under two years, three cows three years old or over, one heifer two years old and under three, one yearling heifer and one heifer calf. Not more than three animals may be entered by any one individual or firm and all animals must be entered in the regular classes of the fair as well as the county herd class. Awards will be paid to the county association in whose name the herd entries are made. There will be twenty-four classes. Guernseys will be judged on September 4 by Professor H. H. Kildee, Ames, Iowa.

Massachusetts

Brockton Fair will be held at Brockton, Massachusetts, October 1 to 5. Dairy cattle will be awarded $7,203.75, of which Guernseys will receive $1,695. There will be twenty-two classes. W. K. Hepburn, Anselma, Pennsylvania, will judge Guernsey son October 2.

Eastern States Exposition, Springfield, Massachusetts, will be held September 15 to 21. Dairy cattle will be awarded $14,800 with Guernseys receiving $2,200. There will be twenty-five classes. Guernseys will be judged on September 17 by Professor H. H. Kildee, Ames, Iowa. Included in the livestock events will be the Students' Intercollegiate Judging Contests and dairy calf club judging contests. There will be three special offerings for Guernseys. C. Prescott Knight of Providence, Rhode Island, offers a handsome sterling silver trophy cup to be awarded to the winner of the get of sire class in the open Guernsey classes. J. C. Penney, owner of Emmadine Farm, Hopewell Junction, New York, offers a beautiful silver trophy to be awarded for the best Guernsey female in milk, bred, owned and shown by exhibitor. The Massachusetts Department of Agriculture, in order to encourage better dairy breeding and farming in Massachusetts, will give its official recognition by awarding a silver medal to the best Guernsey female in milk, bred and owned in Massachusetts.

The New England Fair, Worcester, Massachusetts, will be held September 30 to October 5. (This date has not been verified.)

Michigan

Ionia Free Fair will be held August 12 to 17 at Ionia, Michigan. Total dairy awards will amount to $1,435. Guernseys will be awarded $287. There will be thirteen classes. Guernseys will be judged on August 14 and 15.

Michigan State Fair will be held September 1 to 7 at Detroit, Michigan. Total dairy awards will amount to $12,745.25. Guernseys will receive $2,603.

Saginaw County Fair will be held September 9 to 14 at Saginaw, Michigan. Total dairy awards will amount to $6,396. Guernseys will receive $514. There will be twelve classes. Guernseys will be judged on September 10 and 11.

The West Michigan Fair will be held August 26 to 30 at Grand Rapids, Michigan. The total dairy awards will amount to $2,750 with Guernseys receiving $515. Guernseys will be judged on Tuesday, August 27. Wednesday, August 28, will be known as Dairy Cattle Day, with speakers, cow calling and milking contests. The boys in the junior fair will have a dairy cattle judging contest on the same day.

Minnesota

Minnesota State Fair will be held August 31 to September 7 at Saint Paul, Minnesota. Total dairy awards will amount to $13,921. Guernseys will receive $3,380. There will be forty-three classes including Minnesota lots. Guernseys will be judged on Tuesday, September 3, by C. S. Rhode, Urbana, Illinois

Missouri

American Royal Live Stock Show, scheduled for November 16 to 23, will be held at Kansas City, Missouri, as in former years. The annual report given by the president, James C. Swift, indicates that last year was one of the most successful shows they have had for some time. The amount of total awards was not received in time to incorporate in this report but undoubtedly will be similar to those of last year which amounted to a total of $6,275 with $1,200 for Guernseys.

Cape County Fair will be held at Cape Girardeau, Missouri, on September 17 to 21. Total dairy awards will amount to $792. Guernseys will receive $264. There will be fifteen classes. Guernseys will be judged on September 19. A feature of the show will be a special dairy production class.

Missouri State Fair will be held August 17 to 24 at Sedalia, Missouri. Dairy cattle will be awarded $8,578.50 with Guernseys receiving $1,627. There will be twenty-one classes. Guernseys will be judged on August 22 by H. H. Kildee, Ames, Iowa. Three new buildings, new speed barn, horse barn and fine arts and floriculture buildings are being erected and will be used for the first time this year.

National Dairy Exposition will be held October 12 to 19 at Saint Louis, Missouri. Total dairy awards will amount to $26,500. Guernseys will be awarded $5,250. There will be twenty-seven classes. Guernseys will be judged on October 16 and 17 by John S. Clark, Huntington, Long Island, New York. The chief features for club boys and girls will be a dairy cattle judging contest, dairy demonstration contest, cattle exhibit, showmen's contest and a poultry demonstration contest. Talking movies will be taken at the National sponsored by the United States Department of Agriculture.

Ozark State Fair will be held August 6 to 9 at Carthage, Missouri. Total dairy awards will amount to $885. Guernseys will be awarded $295. Guernsey will be judged on August 7.

Montana

Midland Empire Fair will be held at Billings, Montana, on September 2 to 6. Total dairy awards will amount to $4,225. Guernseys will receive $845. There will be five classes. Guernseys will be judged on September 2 by D. L. Fourt, Boise, Idaho. During the fair a banquet will be given exhibitors by the Billings Commercial Club.

Montana State Fair will be held September 23 to 28 at Helena, Montana. Dairy animals will be awarded $2,765 with Guernseys receiving $595. There will be five classes. Guernseys will be judged on September 24 and 25.

Nebraska

Ak-Sar-Ben Stock Show will be held at Omaha, Nebraska, November 1 to 8. Total dairy awards will amount to $5,715. Guernseys will receive $1,000. Guernseys will probably be judged on November 6.

The Nebraska State Fair will be held at Lincoln, Nebraska, on August 30 to September 6. This year's fair will be up with former state events. The premium list has been revised and dairy cattle will be awarded $6,686 with Guernseys coming in for their share of $1,500. Four hundred dollars of this amount will be given in the Nebraska class.

New Jersey

Field Day and Guernsey Show at Far Hills Fair Grounds, Far Hills, New Jersey, will be held September 21. This will be a blood tested show, the first of its kind in the United States.

Trenton Inter-State Fair will be held September 30 to October 5 at Trenton, New Jersey. Total dairy awards will amount to $8,575. Guernseys will be awarded $1,715. Guernseys will be judged on October 2 by William H. Gould, Burkeville, Virginia.

New York

Genesee County Fair will be held September 10 to 14 at Batavia, New York. Dairy cattle will be awarded $3,240 with Guernseys receiving $495. There will be twenty-one classes. Guernseys will be judged on Thursday, September 12. A feature of the fair will be the boys' judging contest.

New York State Fair will be held August 26 to 31 at Syracuse, New York. Total dairy awards will amount to $13,809. Guernseys will be awarded $2,020. W. K. Hepburn, Anselma, Pennsylvania, will judge Guernseys on August 28.

North Dakota

North Dakota State Fair will be held July 8 to 13 at Fargo, North Dakota. Total dairy awards will amount to $1,500. Guernseys will be awarded $560. H. H. Kildee, Ames, Iowa, will judge Guernseys on July 10.

North Dakota State Fair for Grand Forks will be held July 15 to 20 at Grand Forks, North Dakota. Total dairy awards will amount to $2,350. Guernseys will receive $522. There will be five classes. Guernseys will be judged on July 16 by Hugh G. Van Pelt, Waterloo, Iowa.

Ohio

Ohio State Fair will be held August 26 to 31 at Columbus, Ohio. Total dairy awards will amount to $14,810. Guernseys will be awarded $2,945. There will be twenty-six classes. N. H. Hill, Chagrin Falls, Ohio, will judge Guernseys on August 28.

Oklahoma

Oklahoma Free State Fair will be held September 28 to October 5 at Muskogee, Oklahoma. Total dairy awards will amount to $2,430. Guernseys will receive $690. There will be twenty-two classes. Guernseys will be judged on October 3 by W. J. Kennedy, Saint Joseph, Missouri.

Oklahoma State Fair and Exposition will be held September 21 to 28 at Oklahoma City, Oklahoma. Dairy cattle will be awarded $4,935, of which Guernseys will receive $900. There will be twenty classes. Monday, September 23, is Guernsey judging day and the awards will be placed by H. W. Cave, Manhattan, Kansas.

Tulsa State Fair will be held September 14 to 22 at Tulsa, Oklahoma. Total dairy awards will amount to $3,540. Guernseys will be awarded $740. There will be twenty-two classes. Hugh G. Van Pelt, Waterloo, Iowa, will judge Guernseys on Wednesday, September 18.

Oregon

Oregon State Fair will be held September 23 to 28 at Salem, Oregon. Dairy cattle will receive a total of $6,667.50, of which Guernseys will be awarded $1,551.50 There will be twenty-nine classes. Professor W. W. Yapp, Urbana, Illinois, will judge Guernseys on September 24.

Pacific International Livestock Exposition will be held at Portland, Oregon, October 26 to November 2. Dairy cattle will be awarded a total of $11,500, with Guernseys receiving $2,500. There will be twenty-four classes. J. P. Eves, Des Moines, Iowa, will judge Guernseys on October 29.

Pennsylvania

Great Allentown Fair will be held September 17 to 21 at Allentown, Pennsylvania. Total dairy awards will amount to $2,428. Guernseys will be awarded $458. There will be six classes. Guernseys will be judged on September 17 and 18 by R. G. Connelly, State College, Pennsylvania.

South Carolina

South Carolina State Fair will be held October 21 to 26 at Columbia, South Carolina. Dairy cattle will be awarded $2,787, of which Guernseys will receive $929. There will be three classes. L. H. Fairchild, Crown Point, Indiana, will judge Guernseys on October 22.

South Dakota

South Dakota State Fair will be held at Huron, South Dakota, September 9 to 13. Total dairy awards will amount to $4,664. Guernseys will be awarded $875. There will be twenty-three classes. C. S. Rhode, Urbana, Illinois, will judge Guernseys on September 11.

Tennessee

Mid-South Fair and Dairy Show will be held at Memphis, Tennessee, September 28 to October 5. Premiums amounting to $10,000 will be awarded in the dairy cattle classes. Guernseys will be awarded $1,500 in open competition and will share in $3,800 that is offered in the special classes for 4-H club cattle exhibits. Charles L. Hill, Rosendale, Wisconsin, will judge Guernseys on October 2. The Mid-South Fair is successor to the Tri-State Fair, that has long been recognized as one of the leading expositions in the country.

Texas

State Fair of Texas will be held at Dallas, Texas, October 12 to 27. Total dairy awards will amount to $12,000. Guernseys will be awarded $1,070. There will be twenty-four classes. Guernseys will be judged on October 23 by Hugh G. Van Pelt, Waterloo, Iowa. The livestock show will be held in the new livestock coliseum that has a seating capacity of 6,000.

Texas Cotton Palace and Dairy Show will be held November 1 to 10 at Waco, Texas. Dairy cattle will be awarded $1,500. There will be no Guernsey classifications.

Tri-State Fair will be held September 23 to 29 at Amarillo, Texas. Total dairy awards will amount to $7,500. Guernseys will be awarded $1,500.

Utah

Utah State fair will be held at Salt Lake City, Utah, October 5 to 12. Total dairy awards will amount to $5,000. Guernseys will be awarded $1,325. There will be twenty-three classes. Guernseys will be judged on October 6 or 7.

Vermont

The Twin State Fair, formerly held at White River Junction, Vermont, that was the state fair for Vermont and New Hampshire, has been discontinued, and the fair ground has been sold for an aviation field.

Virginia

Staunton Virginia Fair will be held September 2 to 7 at Staunton, Virginia. Dairy cattle will be awarded $1,200 of which Guernseys will receive $400. There will be twenty-three classes. Guernseys will be judged on Tuesday, September 3.

Virginia State Fair will be held October 7 to 12 at Richmond, Virginia. Total dairy awards will amount to $4,824. Guernseys will be awarded $1,502. There will be twenty-three classes. A. G. Ingham, Wellville, Virginia, will judge Guernseys on October 8.

Washington

Southwest Washington Fair will be held August 20 to 25 at Chehalis-Centralia, Washington. Total dairy awards will amount to $5,000. Guernseys will be awarded $800. There will be six classes. Wednesday, August 21, will be Guernsey judging day when Professor P. M. Brandt, Corvallis, Oregon, will place the awards.

Spokane Interstate Fair and Livestock Show will be held September 2 to 7 at Spokane, Washington. Dairy cattle will be awarded a total of $3,365 of which Guernseys will receive $675. There will be twenty-six classes. Professor H. M. King, Vancouver, Washington, will judge Guernseys on September 2, 3 and 4.

Washington State Fair will be held September 9 to 14 at Yakima, Washington. Total dairy awards will amount to $5,410. Guernseys will be awarded $970. There will be twenty-three classes.

Western Washington Fair will be held September 16 to 22 at Puyallup, Washington. Total dairy awards will amount to $2,960. Guernseys will be awarded $740. There will be twenty-three classes. Professor E. V. Ellington, Pullman, Washington, will place the awards on Guernseys on September 18.

West Virginia

West Virginia State Fair will be held August 31 to September 7 at Wheeling, West Virginia. Dairy cattle will be awarded a total of $4,036, of which Guernseys will receive $899. There will be twenty-two classes. Guernseys will be judged on Tuesday, September 3 by Professor A. A. Borland, State College, Pennsylvania. The special dairy exhibit of the United States Department of Agriculture, of special interest to dairy cattle breeders, will be featured in connection with the dairy department.

Wisconsin

Northern Wisconsin State Fair will be held at Chippewa Falls, Wisconsin, September 8 to 13. Guernseys will be awarded $755. There will be twenty-three classes. R. C. Hulce, Deerfield, Illinois, will judge Guernseys on September 11.

Wisconsin State Fair will be held August 26 to 31 at Milwaukee, Wisconsin. Total dairy awards will amount to $14,500. Guernseys will be awarded $3,000. There will be five classes. William H. Gould, Burkeville, Virginia, will place the awards on Guernseys on August 29.

Wyoming

Wyoming State Fair will be held at Douglas, Wyom-

(Please turn to page 121)

Wisconsin Guernsey Picnics

4,500 People Attend at Corium and River Falls

THE two summer field days have passed into Wisconsin Guernsey history, but the 4,500 people who attended them will not soon forget those two great days—one at River Falls on June 4 and the other at Corium Farm, Fond du Lac, on June 6.

The picnic at River Falls was held at the normal school and nearly 3,000 people were in attendance. The second picnic was held at Corium Farm, Fond du Lac, where some 1,500 people were in attendance. Besides the regular program of speeches, seventy-five head of very excellent quality Guernseys were assembled at the River Falls picnic.

The Chamber of Commerce donated $250 for prizes and through the splendid efforts of the Saint Croix and Pierce County associations, together with county agents Lycan and Seyforth, a creditable show was put over. L. V. Wilson of Boulder Bridge Farm, Excelsior, Minnesota, and C. B. Finley, field representative of THE AMERICAN GUERNSEY CATTLE CLUB, acted as judges.

Show and Judging Contest

NINE aged bulls were shown with a son of Border King of Roberts 71645, owned by S. W. Gunderson, standing first. Twelve aged cows were topped by a daughter of Imp. Sylph's Sequel II. 31081, from the herd of Lloyd Rundell. Wild Brothers' entry was second in the cow class while Lloyd Rundell's entry won in the two year old heifer class. A young bull owned by Nels R. Nelson won first in the bull class. The get of sire class, and the individual heifer class, consisting of daughters of the second prize aged bull owned by Mr. Gunderson, placed first.

A judging contest was held at both picnics with twelve county association teams competing at each meeting. In the River Falls contest the high men were: William Dwyer, Kendall; Edwin Solberg, Sparta, and George W. Jones, Polk. The winning county teams were Monroe, Polk and Eau Claire, in the order named. The other county associations which were represented by teams in this contest were Barron, Dunn, Saint Croix, Trempealeau, La Crosse, Buffalo, Pierce, Chippewa and Rusk. In the Fond du Lac contest the high men were: Ralph Tratt, Whitewater; M. B. Lee, West Salem; M. E. Claffey, Waukesha, and L. T. Lee, West Salem. M. E. Claffey and L. T. Lee were tied for third place. The winning teams were La Crosse, Jefferson and Langlade. Waukesha, Fond du Lac, Winnebago, Wood, Ozaukee, Rock, Portage, Kewaunee and Manitowoc were the other county associations which were represented. Prizes in these contests consisted of four bull staffs, ten salt cups, eight milk stools and other articles, all of which were donated by the James Manufacturing Company of Fort Atkinson, Wisconsin.

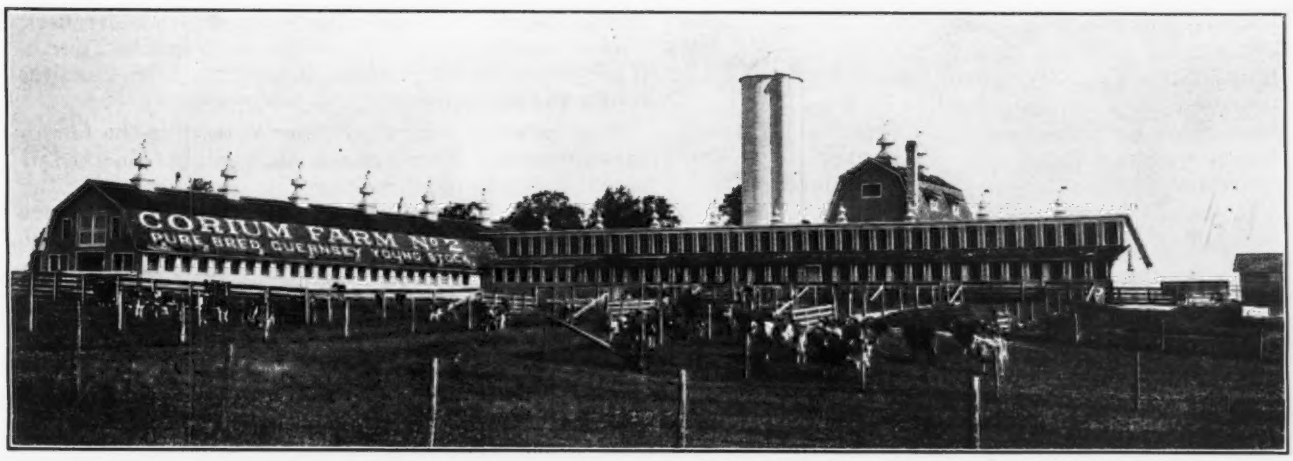
Many Interesting Talks

AMONG the speakers at the River Falls picnic was D. D. Tenney, Shorewood Farm, Crystal Bay, Minnesota, who told of his experience of starting with a pure bred sire in 1912. He said: "In making the selection of a herd sire, that which is a big price today may not be a big price tomorrow if you select well. There is no mistake but that farmers make a mistake in buying too carefully in selecting a sire. They expect a little too much for their money. You might appreciate this fact more than ever if you had attended the four Guernsey sales held in the East last month. It proved that Guernsey buyers will pay good prices for type and production combined. I wonder if we are making enough of the specialty we are handling, in the selling of Guernsey milk. We are breeding the cow that gives not only a high testing milk but also a very high colored milk."

Dr. W. A. Munn, president of the state Guernsey breeders' association, encouraged the breeders of Wisconsin to keep up their good work and not to rest upon past laurels. He urged the older members to assist the younger men in maintaining the lead that Wisconsin has formerly had in Guernsey circles. Professor George C. Humphrey, head of the Animal Husbandry Department at Madison, assured those present that Wisconsin is going to give attention to the fundamental things in breeding—good herd sires, herd testing, and selection of quality animals.

In speaking to the breeders, Karl B. Musser, secretary of THE AMERICAN GUERNSEY CATTLE CLUB, emphasized the fact that the Guernsey cow is popular primarily through her milk that reaches the table for

(*Please turn to page 119*)



A view of the barns and part of the herd at Corium Farm, Fond du Lac, Wisconsin, where the second picnic was held

EDITORIAL COMMENT

Breeders' Rosettes

LAST year THE AMERICAN GUERNSEY CATTLE CLUB furnished breeders' rosettes at five of the large shows. These rosettes were given to the breeders exhibiting their own animals which placed in the first three positions. At most of the shows all the ribbons were given out. It proved to be a very satisfactory award and so much interest was manifest by the breeders exhibiting that this year the Central Office has increased the list of fairs from five to twenty-eight.

A Breeder's Rosette

There are certain qualifications necessary to win the breeders' rosette. They include: The rosettes will be given to the three highest ranking Guernseys bred by exhibitors; the awards will be made by a representative of THE AMERICAN GUERNSEY CATTLE CLUB and given at the same time as the official awards for each class, and all questions concerning the awards will be settled by the Club representative and the superintendent of dairy cattle. Last year, ribbons were given at the Dairy Cattle Congress, Pacific International Livestock Exposition, Southeastern Fair, Eastern States Exposition, and the National Dairy Exposition.

In most cases the rosettes followed fairly close to the placings of the first, second and third animals. This was particularly true in the younger classes. However, in the aged bull class and the aged cow class the rosettes were necessarily further down the line as most of the first few placings were on animals bred by other than the exhibitor. This year the rosettes will be given at the following fairs:

American Royal Live Stock Show, Kansas City, Missouri.
Brockton Fair, Brockton, Massachusetts.
California State Fair, Sacramento, California.
Dairy Cattle Congress, Waterloo, Iowa.
Eastern States Exposition, Springfield, Massachusetts.
Illinois State Fair, Springfield, Illinois.
Indiana State Fair, Indianapolis, Indiana.
Iowa State Fair and Exposition, Des Moines, Iowa.
Kentucky State Fair, Louisville, Kentucky.
Maryland State Fair, Timonium, Maryland.
Michigan State Fair, Detroit, Michigan.
Mid-South Fair and Dairy Show, Memphis, Tennessee.
Minnesota State Fair, Hamline, Minnesota.
Missouri State Fair, Sedalia, Missouri.
National Dairy Exposition, Memphis, Tennessee.
Nebraska State Fair and Exposition, Lincoln, Nebraska.
New York State Fair, Syracuse, New York.
Ohio State Fair, Columbus, Ohio.
Oregon State Fair, Salem, Oregon.
Pacific International Livestock Exposition, Portland, Oregon.
South Carolina State Fair, Columbia, South Carolina.
Southeastern Fair, Atlanta, Georgia.
Southwest Idaho Dairy Shows, Caldwell, Idaho.
Trenton Inter-State Fair, Trenton, New Jersey.
Utah State Fair, Salt Lake City, Utah.
Virginia State Fair, Richmond, Virginia.
Washington State Fair, Yakima, Washington.
Wisconsin State Fair, Milwaukee, Wisconsin.

Benjamin Still Alive

IN the June 1 JOURNAL, in the article on sidelights, a note was made that those who have attended Guernsey Week heretofore missed the presence in the ring of R. L. Benjamin who passed away shortly after the sale season last year. This was an error as Mr. Benjamin is very much alive. It was John F. Daniels who has worked in the National ring for many years who passed away shortly after the season closed a year ago.

A Challenge to Exhibitors

WE feel that the fair administrations have placed a challenge before the breeders of Guernsey cattle and each year that challenge is being strengthened by an increase in the amount of premiums awarded. The fair associations, through their distribution of premiums and ribbons, are placing before the breeders of Guernsey cattle a very definite challenge to bring their herds into the show ring.

This year, after a survey of nearly 100 fairs, there is given elsewhere in the JOURNAL a list of the amount of money to be awarded at the various expositions. The fairs listed are offering nearly $500,000 in total awards for dairy cattle of which nearly $90,000 is given for Guernseys. If the fairs are willing to expend this enormous sum of money to have the dairy cattle and particularly Guernseys in their show rings, then it behooves the breeder of Guernseys to take advantage of these awards. Some herds are not in a position to take this advantage but many herds could well afford to have some animals at the shows.

It might be asked what is the advantage of showing your animals at a county or state fair. There are four very definite advantages. First, it advertises the herd. Second, it makes contact between the owner and the other breeders who attend the fair. Third, it compares your animals with those of other breeders. This comparison may be favorable or otherwise. Fourth, it advertises the breed, which in turn is a direct finanical return to the exhibitor.

It is impossible for all of those attending the fair to visit a person's farm and see his herd, but on the fair circuit it is possible for thousands of people to see the animals and learn from whence they come. It does not have the advertising value for selling animals that magazine advertising has, but for the placing of animals in young herds it is hardly equalled. The contact with other breeders is of vital importance. It is through advertising and contact that the surplus animals are sold to best advantage. There is also a satisfaction to the exhibitor when he wins the coveted prize, in knowing that he is showing, or breeding and showing, some of the best animals to be had.

A good string of Guernseys at any fair, if properly

exhibited not only in the show ring but in the barns, increases the advertising of the breed and this is well worth while. With the increase in premiums this year at twenty fairs of over $4,219 as against a decrease at fourteen fairs of over $1,815, it would seem that the fairs are more than anxious to have a good representation of Guernseys in the ring.

This JOURNAL is planned especially to assist the breeder by placing before him all the knowledge obtainable on the fairs in the United States and Canada. It is hoped that the result will be the increasing of exhibits at most of the fairs this coming season.

SALES AND MEETINGS

July 15. Clackamas County Field Day (Oregon Guernsey Gayeties) and reception to national secretary, under auspices of Clackamas County Guernsey Cattle Club, at Canby, Oregon. Everett Shibley, secretary.

July 16. Benton County Field Day (Oregon Guernsey Gayeties) and reception to national secretary, under auspices of Benton County Guernsey Cattle Club, at Corvallis, Oregon. G. H. Burge, secretary.

July 17. Josephine County Field Day (Oregon Guernsey Gayeties) and reception to national secretary, under auspices of Josephine County Guernsey Cattle Club, at Grants Pass, Oregon. F. M. Lattimer, secretary.

Aug. 8. Breeders' Consignment Sale of ten bulls, Troy, North Carolina. T. D. Brown, Salisbury, North Carolina, sale manager.

Aug. 8. Massachusetts Heifer Auction Sale, Ard-Na-Clachan Farm, Shrewsbury, Massachusetts. James E. Harper, secretary, 146 Summer Street, Boston, Massachusetts.

Aug. 30. Complete Dispersal of Avalon Farm Guernseys, at the farm, Macedonia, Ohio.

Sept. 18. Breeders' Consignment Sale of five bulls and thirty-five females, Salisbury, North Carolina. T. D. Brown, Salisbury, sale manager.

Sept. 21. New Jersey Guernsey Breeders' Association Field Day and Blood Tested Show, Far Hills Fair Grounds, Far Hills, New Jersey.

Sept. 25. Vermont State Sale, Randolph Center, Vermont.

Sept. 27. Louis Merryman's Twentieth Semi-Annual Sale.

Oct. 9. English Guernsey Sale at Reading, England. Messrs. John Thornton and Company, London, sale managers.

Oct. 24. Consignment Sale of fifty-five negative cattle at Wooster, Ohio. Ohio Guernsey Breeders' Association, sale managers.

Nov. 6. Wisconsin State Sale, Waukesha, Wisconsin. Gavin McKerrow, secretary, Pewaukee, Wisconsin.

Dec. 4. English Guernsey Sale at Reading, England. Messrs. John Thornton and Company, London, sale managers.

FAIRS AND EXPOSITIONS

July 15-20. Edmonton Exhibition, Edmonton, Alberta, Canada. Guernseys judged on July 16.

July 15-20. North Dakota State Fair, Grand Forks, North Dakota. Guernseys judged on July 16 by Hugh Van Pelt, Waterloo, Iowa.

July 22-27. Saskatoon Industrial Exhibition, Saskatoon, Saskatchewan, Canada.

July 29-August 3. Provincial Exhibition, Regina, Saskatchewan, Canada. Guernseys judged on July 30 by Professor Shaw, Saskatoon, Canada.

Aug. 5-10. Burlington Tri-State Fair, Burlington, Iowa. Guernseys judged on August 6 by Professor H. H. Kildee, Ames, Iowa, and Professor Earl Weaver, Ames, Iowa.

Aug. 6-9. Ozark State Fair, Carthage, Missouri. Guernseys judged on August 7.

Aug. 7-17. Canada's Pacific Exhibition, Vancouver, British Columbia.

Aug. 9-16. Central States Fair and Exposition, Aurora, Illinois. Guernseys judged on August 14 by J. B. Fitch, Manhattan, Kansas.

Aug. 11-17. Mississippi Valley Fair and Exposition, Davenport, Iowa.

Aug. 12-17. Ionia Free Fair, Ionia, Michigan. Guernseys judged on August 14-15.

Aug. 12-17. Kankakee Inter-State Fair, Kankakee, Illinois. Guernseys probably judged on August 14.

Aug. 17-24. Illinois State Fair, Springfield, Illinois. Guernseys judged on August 21.

Aug. 17-24. Missouri State Fair, Sedalia, Missouri. Guernseys judged on August 22 at nine o'clock by Professor H. H. Kildee, Ames, Iowa.

Aug. 19-24. Central Canada Exhibition, Ottawa, Ontario, Canada.

Aug. 20-25. Southwest Washington Fair, Chehalis-Centralia, Washington. Guernseys judged on August 21 by Professor P. M. Brandt, Corvallis, Oregon.

Aug. 21-30. Iowa State Fair and Exposition, Des Moines, Iowa. Guernseys probably judged on August 27.

Aug. 23-Sept. 7. Canadian National Exhibition, Toronto, Canada. Guernseys judged on August 29 and 30 by George M. White, Coxsackie, New York.

Aug. 24-31. Canada's Great Eastern Exhibition, Sherbrooke, Quebec, Canada.

Aug. 26-30. West Michigan Fair, Grand Rapids, Michigan. Guernseys judged on August 27.

Aug. 26-31. Danville's Great Free Fair, Danville, Illinois. Guernseys judged on August 29.

Aug. 26-31. New York State Fair, Syracuse, New York. Guernseys judged on August 28 by W. K. Hepburn, Anselma, Pennsylvania.

Aug. 26-31. Ohio State Fair, Columbus, Ohio. Guernseys judged on August 28 by N. H. Hill, Chagrin Falls, Ohio.

Aug. 26-31. Wisconsin State Fair, Milwaukee, Wisconsin. Guernseys judged on August 29 by William H. Gould, Burkeville, Virginia.

Aug. 30-Sept. 6. Nebraska State Fair and Exposition, Lincoln, Nebraska. Guernseys judged on September 2.

Aug. 31-Sept. 7. Indiana State Fair, Indianapolis, Indiana. Guernseys judged on September 4 by L. S. Gillette, Fostoria, Iowa.

Aug. 31-Sept. 7. Minnesota State Fair, Saint Paul, Minnesota. Guernseys judged at nine o'clock September 3 by C. S. Rhode, Urbana, Illinois.

Aug. 31-Sept. 7. Quebec Provincial Exhibition, Quebec, Canada.

Aug. 31-Sept. 7. West Virginia State Fair, Wheeling, West Virginia. Guernseys judged on September 3 by Professor A. A. Borland, State College, Pennsylvania.

Aug. 31-Sept. 9. California State Fair, Sacramento, California. Guernseys judged on September 4 by H. W. Cave, Manhattan, Kansas, and H. G. Van Pelt, Waterloo, Iowa.

Sept. 1-7. Michigan State Fair, Detroit, Michigan.

Sept. 2-5. Maine State Fair, Lewiston, Maine. Guernseys judged on September 3.

Sept. 2-6. Midland Empire Fair, Billings, Montana. Guernseys judged on September 2 by D. L. Fourt, Boise, Idaho.

Sept. 2-6. Tri-State Fair, Superior, Wisconsin.

Sept. 2-7. British Columbia's Provincial Exhibition, New Westminster, British Columbia. Guernseys judged by Professor H. R. Hare on September 3.

Sept. 2-7. Maryland State Fair, Timonium, Maryland. Guernseys judged on September 4 by Professor H. H. Kildee, Ames, Iowa.

Sept. 2-7. Spokane Interstate Fair and Livestock Show, Spokane, Washington. Guernseys judged on September 2-3-4 by Professor H. M. King, Vancouver, Washington.

Sept. 2-7. Staunton Virginia Fair, Staunton, Virginia. Guernseys judged on September 3.

Sept. 2-7. Rochester Exposition, Rochester, New York.

Sept. 9-13. Northern Wisconsin State Fair, Chippewa Falls, Wisconsin. Guernseys will be judged on September 11 by R. C. Hulce, Deerfield, Illinois.

Sept. 9-13. South Dakota State Fair, Huron, South Dakota. Guernseys judged on September 11 by C. S. Rhode, Urbana, Illinois.

Sept. 9-14. Kansas Free Fair, Topeka, Kansas. Guernseys judged on September 12 by H. W. Cave, Manhattan, Kansas.

Sept. 9-14. Kentucky State Fair, Louisville, Kentucky. Guernseys judged by Hugh G. Van Pelt, Waterloo, Iowa.

Sept. 9-14. Western Fair, London, Ontario, Canada.

Sept. 9-14. Saginaw County Fair, Saginaw, Michigan. Guernseys judged on September 10 and 11.

Sept. 9-14. Washington State Fair, Yakima, Washington.

Sept. 9-14. West Tennessee District Fair, Jackson, Tennessee.

Sept. 10-14. Genesee County Fair, Batavia, New York. Guernseys judged on September 12.

Sept. 10-14. Wyoming State Fair, Douglas, Wyoming.

Sept. 14-20. Kansas State Fair, Hutchinson, Kansas.

Sept. 14-22. Tulsa State Fair, Tulsa, Oklahoma. Guernseys judged on September 18 at one o'clock by Hugh G. Van Pelt, Waterloo, Iowa.

Sept. 15-21. Eastern States Exposition, Springfield, Massachusetts. Guernseys judged September 17 by Professor H. H. Kildee, Ames, Iowa.

Sept. 16-21. Tennessee State Fair, Nashville, Tennessee.

Sept. 16-21. Chattanooga Inter-State Fair, Chattanooga, Tennessee.

Sept. 16-22. Colorado State Fair, Pueblo, Colorado.

Sept. 16-22. Western Washington Fair, Puyallup, Washington. Guernseys judged on September 18 by Professor E. V. Ellington, Pullman, Washington.

Sept. 17-20. Interstate Fair, La Crosse, Wisconsin.

Sept. 17-21. Cape County Fair, Cape Girardeau, Missouri. Guernseys judged on September 19.

Sept. 17-21. Great Allentown Fair, Allentown, Pennsylvania. Guernseys judged on September 17 and 18 by R. G. Connelly, State College, Pennsylvania.

Sept. 21-28. Oklahoma State Fair and Exposition, Oklahoma City, Oklahoma. Guernseys judged on September 23 at one o'clock by H. W. Cave, Manhattan, Kansas.

Sept. 23-28. Montana State Fair, Helena, Montana. Guernseys judged on September 24-25.

Sept. 23-28. Oregon State Fair, Salem, Oregon. Guernseys judged on September 24 by Professor W. W. Yapp, Urbana, Illinois.

Sept. 23-28. East Tennesse eDivision Fair, Knoxville, Tennessee.

Sept. 23-28. West Texas Fair, Abilene, Texas.

Sept. 23-29. Tri-State Fair, Amarillo, Texas.

Sept. 24-29. Southern California Fair, Riverside, California. Guernseys judged on September 25, probably by F. W. Atkeson, Moscow, Idaho.

Sept. 28-Oct. 5. Mid-South Fair and Dairy Show Memphis, Tennessee. Guernseys judged on October 2 by Charles L. Hill, Rosendale, Wisconsin.

Sept. 28-Oct. 5. Oklahoma Free State Fair, Muskogee, Oklahoma. Guernseys judged on October 3 by W. J. Kennedy, Saint Joseph, Missouri.

Sept. 29-Oct. 5. Alabama State Fair, Birmingham, Alabama.

Sept. 30-Oct. 5. Trenton Inter-State Fair, Trenton, New Jersey. Guernseys judged on October 2 by William H. Gould, Burkeville, Virginia.

Sept. 30-Oct. 6. Dairy Cattle Congress, Waterloo, Iowa. Guernseys judged on October 1 by Professor H. H. Kildee, Ames, Iowa.

Oct. 1-5. Brockton Fair, Brockton, Massachusetts. Guernseys will be judged on Wednesday, October 2, by W. K. Hepburn, Anselma, Pennsylvania.

Oct. 5-12. Utah State Fair, Salt Lake City, Utah. Guernseys judged on Oct. 6 or 7.

Oct. 5-12. Southeastern Fair, Atlanta, Georgia.

Oct. 7-12. Arkansas State Fair, Little Rock, Arkansas.

Oct. 7-12. Virginia State Fair, Richmond, Virginia. Guernseys judged on October 8 by A. G. Ingham, Wellville, Virginia.

Oct. 7-12. Mississippi Fair and Dairy Exposition, Meridian, Mississippi.

Oct. 8-12. Mississippi-Alabama Fair, Tupelo, Mississippi.

Oct. 10. Sewickley Guernsey Cattle Club Fourth Annual Show, Allegheny Country Club Show Grounds, Sewickley Heights, Pennsylvania.

Oct. 12-19. National Dairy Exposition, Saint Louis, Missouri. Guernseys judged on October 16 and 17 by John S. Clark, Huntington, Long Island, New York.

Oct. 12-27. Texas State Fair, Dallas, Texas. Guernseys judged October 23 by Hugh G. Van Pelt, Waterloo, Iowa.

Oct. 13-20. South Louisiana State Fair, Donaldsonville, Louisiana. Guernseys judged on October 14.

Oct. 14-19. Georgia State Exposition, Macon, Georgia. Guernseys judged on October 15.

Oct 21-26. South Carolina State Fair, Columbia, South Carolina. Guernseys judged on October 22 at ten o'clock by L. H. Fairchild, Crown Point, Indiana.

Oct. 21-27. State Fair of Alabama, Montgomery, Alabama.

Oct. 26-Nov. 2. Pacific International Livestock Exposition, Portland, Oregon. Guernseys judged on October 29 by J. P. Eves, Des Moines, Iowa.

Oct. 31-Nov. 11. Louisiana State Fair, Shreveport, Louisiana. Guernseys judged November 8 by Professor C. H. Staples, Baton Rouge, Louisiana.

Nov. 1-8. Ak-Sar-Ben Stock Show, Omaha, Nebraska. Guernseys probably judged on Nobember 6.

Nov. 1-10. Texas Cotton Palace and Dairy Show, Waco, Texas.

Nov. 11-14. Kansas Livestock Show, Wichita, Kansas.

Nov. 11-16. Arizona State Fair, Phoenix, Arizona.

Nov. 11-17. South Texas State Fair, Beaumont, Texas.

Nov. 16-23. American Royal Livestock Show, Kansas City, Missouri. Guernseys probably judged on November 22.

Nov. 18-23. Pacific Slope Dairy Show, Oakland, California.

Nov. 22-30. Florida State Fair and Exposition, Jacksonville, Florida.

Nov. 30-Dec. 7. International Livestock Exposition, Chicago, Illinois.

Jan. 18-25. National Western Stock Show, Denver, Colorado. Guernseys judged on January 21.

Jan. 29-Feb. 9. South Florida Fair, Tampa, Florida.

March 9-16. Southwestern Exposition, Fort Worth, Texas.

Iowa Holds Field Day

Fort Dodge Creamery Company Farm Real Host

By A. M. ROGERS

THE Iowa field day was just another one of those fine constructive days for a great breed of cattle in a state that appreciates the merits of the Guernsey breed. Nearly 500 people gathered on the Rosedale Farm belonging to the Fort Dodge Creamery Company of Fort Dodge, Iowa, on June 14, for the annual summer field day sponsored by the Iowa state association. A. B. Sayles, manager of the company and farm, surely can qualify as a host par excellence as everything was done to make the day's program a success. The day and the setting for the day's activities were ideal.

The first part of the morning was given over to inspecting the modern attractive buildings and the herd consisting of ninety head of registered Guernseys. Mr. Sayles has used a great deal of care and time in selecting the foundation stock for this herd that has been built up during the past three years. Two herd sires are being used on the farm, Flintarrow Brave 111692, a son of Minnehaha's Papoose 67732, and Atamannsit Patrician 137301, a son of Langwater Hannibal 69279 and a half brother to Atamannsit La Noce 162411.

A judging contest under the direction of Floyd Johnston of Iowa State College was participated in by 125 people. Prizes were offered by Mr. Sayles totaling $112.50. J. E. Kearns of Duncombe was the winner in the men's contest, Donald Laurent of Eagle Grove was the high Guernsey calf club boy judge, and Mrs. Charles Nehring of Hubbard won in the ladies contest.

The picnic lunch was eaten at long tables put up in the beautiful orchard with the tables decorated with peonies. The afternoon program started promptly at one-thirty o'clock with an address of welcome given by A. B. Sayles. Mr. Sayles brought out the fact that the milk produced at Rosedale Farm was marketed as raw milk at fifteen cents a quart through the Fort Dodge Creamery Company in Fort Dodge, a city with a population of 25,000. Surely Iowa breeders owe the Rosedale Farm and Mr. Sayles a debt of real gratitude for their royal welcome and entertainment.

Charles R. Mountain, president of the state association, in his talk brought out the need of a friendly cooperative spirit and unity of action among Iowa breeders. He set forth the value of the state organization to the average breeder and the need that the state organization had for their membership. Burt Oderkirk of Iowa State College stressed the importance of the pure bred breeder's keeping pace in his herd operations as to testing, culling, use of better sires, etc., to insure pure bred cattle leaderships.

Charles L. Hill gave through statistics a picture of the dairy industry, its magnitude and importance. He made the statement that he expected Guernsey milk would become the chief milk used in the home. He told about the new plan for futurities patterned after those used by horse breeders for adoption by the different breeds, feeling that such a plan would as time goes on be of great importance to the breeds of dairy cattle in stimulating breed interest and progress.

W. W. Marsh responded to a request for a few remarks with some timely suggestions and thoughts relative to the merits and future of our breed. It was on Mr. Marsh's farm that the first Iowa summer field day was held and also through his suggestion that a show has been held each year in connection with the field day. Judge W. B. Quarton of Algona and Charles Wilcox of Des Moines, two of the oldest breeders in Iowa, were in attendance. Neither the Judge nor Mr. Wilcox, although they are well advanced in age, ever miss a Guernsey meeting if it is possible for them to attend. Mr. Wilcox brought the first Guernseys into Iowa and all of his life he has been an ardent Guernsey booster.

Messrs. Johnston and Oderkirk officiated as judge of the little show of some thirty head. The six classes allowed for money and a ribbon for six places. The state association provided $170 in prize money. The champion female was Itasca Cherub's Vera 186706 and the champion male was Flintarrow Brave 111692, both owned by the Fort Dodge Creamery Company.

Surely June 14 was a red letter day in Iowa Guernsey history. The report of A. M. Rogers, secretary, showed real state association activity. Among other things over 700 letters have gone out from the secretary's office since February 1. A bulletin is published every two months and much help has been given in the sale of stock. Twenty-two new members have joined the association and twenty-eight have subscribed for the GUERNSEY BREEDERS' JOURNAL.

C. B. Finley, field representative for THE AMERICAN GUERNSEY CATTLE CLUB, in the absence of W. S. Bradley, had charge of the program. A Guernsey cream can was presented to the person coming the greatest distance and a set of the large size framed true type pictures was presented by drawing numbers corresponding to the breeder's registration number. This award was won by Mrs. R. A. Nelson of Independence.

Care of the Milking Machine

THE secret of having a clean milking machine is to keep it clean. Follow a regular system in which promptness, thoroughness and regularity are key words.

After every milking, immediately after finishing the milking of the last cow, draw at least a pail of cold water through each unit. Next draw through hot water that is at least 190 degrees Fahrenheit. Teat cups and milk tubes, not dissembled, may then be hung in a clean place that is free from dust and flies. Wash pail and head with a brush, water and a cleaning compound and then sterilize with steam, hot water or chlorine solution. In hot weather take the machine apart once or twice each week and wash thoroughly with warm water, a good cleanser, and then sterilize as above.

Devices for cleaning milking machines where steam and hot water are available have been tried at the Wisconsin College of Agriculture and found to be effective. They have practically eliminated hand washing.

A rack to hold the teat cups in an upright position, like they are when attached to the cow, should be provided. This can be a home made apparatus. The end of the long milk tube should then be corked and the sterilizing solution poured into one of the teat cups until the milk tubes and the cups are filled. If B. K. or any other commercial sterilizing solution is used, the mixture should be made up as directed for milking machine use.

(Please turn to page 89)

OUR NEW CLASS LEADERS

Bertha's Ultra Pride 142501, Re-entry 21871
Seventh in Class AA

Sire: Ultra May Day 54018 A. R.
Dam: Bertha of Edgewood 28632.
Breeder: Mrs. Bertha M. W. Butler, Urlton, N. Y.
Owner: W. C. Terry, Catskill, N. Y.
Born July 16, 1922. Calved Apr. 12, 1928.
Served July 10, 1928.
Carried calf 283 days during test.
Requirement for admission 400.0 lbs. fat.
Supervised by Cornell Station, New York.
3 milkings daily.
Retest taken in June 1928.
Special tests taken in August and October 1928.

		Milk Lbs.	Butter Fat %	Butter Fat Lbs.
	1928			
	Apr. 20,	580.3	4.66	27.04
	May	1702.3	4.66	79.33
	June	1710.9	4.81	82.29
	July	1616.7	5.68	91.83
	Aug.	1562.1	4.38	68.42
	Sept.	1469.6	4.86	71.42
	Oct.	1370.7	5.18	71.00
	Nov.	1259.7	5.77	72.68
	Dec.	1227.6	5.90	72.43
	Jan. '29	1192.7	6.09	72.64
	Feb.	980.9	6.20	60.82
	Mar.	1030.5	5.89	60.70
	Apr. 19,	558.6	6.62	36.98
	Total	16262.6	5.33	867.6

Previous record begun as a four and one half year old (Class BBB): 9650.8 lbs. milk; 510.1 lbs. butter fat.

BERTHA'S Ultra Pride 142501, a daughter of Ultra May Day 54018 that has one Advanced Register son and five Advanced Register daughters, has made seventh place in class AA. She is owned by W. C. Terry, Catskill, New York, and was bred by Mrs. Bertha M. W. Butler, Urlton, New York. In completing her record she produced 16262.6 pounds of milk and 867.6 pounds of butter fat. She was dropped on July 16, 1922, and has had four calves. By producing 9650.8 pounds of milk and 510.1 pounds of butter fat Bertha's Ultra Pride 142501 made sixth place in class BBB.

Her grandsire on her paternal side is Merry May Day 43520 that has six Advanced Register sons and fourteen Advanced Register daughters, and her grandam on the same side is Princess Ultra Grace 67269 that holds a record in class E of 14340.9 pounds of milk and 713.4 pounds of butter fat. She also has two Advanced Register sons and one Advanced Register daughter. On the maternal side her dam is Bertha of Edgewood 28632 that is by Millerton 11389 and out of Alta of Edgewood 2d 13221.

Grassland Letty 169690, Re-entry 19941
Fourth in Class CCC

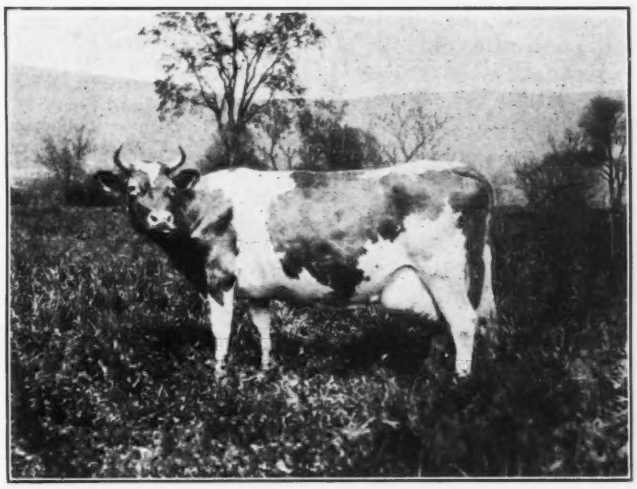
Sire: Imp. Valentine's Honorable Sequel 51895 A. R.
Dam: Jethro's Lavinia 79153 A. R. 14245
Breeder: Robert & Herbert Scoville, Taconic, Conn.
Owner: Robert & Herbert Scoville, Taconic, Conn.
Born Feb. 26, 1924. Calved June 4, 1928.
Served Aug. 5, 1928.
Carried calf 245 days during test.
Requirement for admission 333.6 lbs. fat.
Supervised by Storrs Station, Connecticut.
2 milkings daily.
Retests taken in October, November 1928, January and March 1929.

		Milk Lbs.	Butter Fat %	Butter Fat Lbs.
	1928			
	June 7,	1416.9	4.20	59.51
	July	1718.3	4.30	73.89
	Aug.	1660.4	3.80	63.10
	Sept.	1501.6	4.30	64.57
	Oct.	1413.2	4.26	60.20
	Nov.	1314.5	4.45	58.50
	Dec.	1293.9	4.76	61.59
	Jan. '29	1138.6	4.96	56.47
	Feb.	988.4	4.96	49.02
	Mar.	968.0	4.99	48.30
	Apr. 7,	198.0	4.99	9.88
	Total	13611.8	4.44	605.0

Check tests taken in December 1928 and February 1929.
Previous records. First record begun as a two year old (Class GGG): 9653.4 lbs. milk; 423.8 lbs. butter fat. Second record begun as a three year old (Class EEE): 9733.9 lbs. milk; 424.5 lbs. butterfat.

WHEN Grassland Letty 169690 finished her record in class CCC she had produced 13611.8 pounds of milk and 605.0 pounds of butter fat, placing her fourth in that division. This is the second time that she has made a class leading record as she was tenth in class GGG with a production of 9653.4 pounds of milk and 423.8 pounds of butter fat. She also holds a class EEE record of 9733.9 pounds of milk and 424.5 pounds of butter fat. She is owned and was bred by Robert and Herbert Scoville, Taconic, Connecticut. She was dropped on February 26, 1924, and has given birth to four calves besides making the three records. The supervision of the herd and farm has been under E. G. Woodward who is managing Grassland Farms at this time.

The sire of Grassland Letty 169690 is Imp. Valentine's Honorable Sequel 51895 that sired five Advanced Register daughters. He in turn was sired by Valentine's Honour of the Passee R. G. A. S. 3784 P. S., that has to his credit fourteen Advanced Register sons and twenty-three Advanced Register daughters. The grandam on the paternal side is Imp. Christine's Lily of Sarnia 75570 that holds a record of 12794.8 pounds of milk and 629.1 pounds of butter fat in class A.



On the maternal side Grassland Letty 169690 has as her dam Jethro's Lavinia 79153 that has two Advanced Register daughters and a record of 11177.8 pounds of milk and 559.5 pounds of butter fat in class B. She was sired by Jethro Bass 11366 that now has thirteen Advanced Register sons and thirty-two Advanced Register daughters. Her dam was Youlaxene 63911.

The herd at Grassland, while in good breeding condition and being maintained as a breeding establishment, at the same time is a successful commercial dairy, the milk being handled and bottled, packed in ice, and shipped to New York City. Therefore, the new class leader would have the same care as the balance of the herd, which, of course, is better than ordinary farm conditions, but still she would not have had special consideration.

Care of the Milking Machine

(Continued from page 88)

The amount of water that each set of cups and tubes holds should be measured and the required amount made up each time and discarded after use. This solution must not be used more than once. This method does away with dirty crocks in which the solution is allowed to remain for a week or more at a time and is really a cheaper as well as more efficient means of sterilizing the rubber parts. The solution is left in the teat cups and tubes between milkings. It is advisable to rinse out the machines, before milking, with clean cold well-water to free the machine of the chlorine odor, although this in itself is not harmful.

GEORGE M. WERNER,
Wisconsin College of Agriculture

ADVANCED REGISTER NOTES

STATE CHAMPIONS

ARIZONA

AAA May of Elmonica 112368, 7078.5 pounds of milk; 361.5 pounds of butter fat; breeder, J. F. Trachsel, Beaverton, Oregon; owner, Fred Harvey, Inc., Chino Valley.

The following is a list of animals which completed three or more Advanced Register records since the last publication of the JOURNAL:

Redpath's Dairymaid 118587

Milk	B. F.	Class
7874.2	374.5	DDD
12454.4	570.3	A
12718.0	550.2	A

Owner: C. B. Heifner & Son, Sullivan, Ohio.

Royal Maid of Bon Ayre 127612

Milk	B. F.	Class
11201.0	579.3	E
10889.4	568.0	A
10435.5	542.5	A

Owner: William A. Fisher, Rochester, Michigan.

Le Cheminant Kak 140293

Milk	B. F.	Class
6334.2	341.6	F
8053.5	426.9	D
9485.2	473.5	AA

Owner: Cornell University, Ithaca, New York.

Grassland Letty 169690

Milk	B. F.	Class
9653.4	423.8	GGG
9733.9	424.5	EEE
13611.8	605.0	CCC

Owner: Robert & Herbert Scoville, Taconic, Connecticut.

Marshall County Reorganizes

LATE in March the breeders in Marshall County, Indiana, met again and reorganized the county Guernsey breeders' association. C. E. Lewis, Bourbon, was elected president; Levi Myers, Lapaz, vice president; W. R. Matthews, Plymouth, secretary-treasurer; directors, Arthur Sheetz, Bremen, C. C. Hershberger, Bremen, Harold Detrick, Bremen, L. H. Lotz, Walkerton, and Ross Harris, Plymouth.

It was voted that the dues should be three dollars and that the association should affiliate with the Indiana Guernsey Breeders' Association on a blanket membership basis. A committee was appointed to line up a program of meetings and activities for the year.

THE FOLLOWING COWS DESERVE HONORABLE MENTION FOR ONE YEAR'S PRODUCTION

NAME AND OWNER	Test Ended	Lbs. Milk	Lbs. B. F.	Class
Glen Gable Merry Lady 141625 Owner: D. O. Brant, Owensmouth, California.	3-10-29	15698.6	814.7	A
Bertha's Ultra Pride 142501 Owner: W. C. Terry, Catskill, New York.	4-19-29	16262.6	867.6	AA
Haddon's Quality Girl 149504 Owner: E. T. Gill, Haddonfield, New Jersey.	2-12-29	9463.7	512.8	AAA
Roberta of Halfred Farms 152546 Owner: W. T. White, Chagrin Falls, Ohio.	5—1-29	15811.9	839.3	B
Cathedral Rhoda 149818 Owner: H. H. Buckley, Oneonta, New York.	4-20-29	14328.2	815.1	B
Grassland Letty 169690 Owner: Robert & Herbert Scoville, Taconic, Connecticut.	4—7-29	13611.8	605.0	CCC
Bosworthfield Irma 196299 Owner: Charles W. Bosworth, Lenox, Massachusetts.	3—1-29	10368.1	447.8	GGG

THE FOLLOWING COWS DESERVE HONORABLE MENTION FOR ONE MONTH'S PRODUCTION

(Credits subject to final verification.)

NAME AND NUMBER	Test Begun	Lbs. Milk	Lbs. B. F.	Month	Class
Topsy of Thousand Springs 137339 Owner: R. W. Krobitzsch, La Honda, California.	1-15-29	2322.8	95.00	Mar	A
Springside Jane 192497 Owner: Arthur G. Galusha, Williamstown, Massachusetts.	1-18-29	2123.9	94.51	Mar	A
Aralia's Yeksa Girl 120548 Owner: The Caumsett Corporation, Huntington, New York.	4—9-29	1803.5	93.78	May	A
Escalon Barbara 167320 Owner: A. B. Humphrey, Escalon, California.	3-26-29	1508.2	85.67	Apr	AAA
Fanchette of Elgercon 124282 Owner: Gertrude L. C. Tucker, Willoughby, Ohio.	1—4-29	1363.1	75.52	May	AAA
Escalon Pauline 141966 Owner: A. B. Humphrey, Escalon, California.	3-20-29	1374.5	72.02	Apr	AAA
Glenwood's Snowflake of Riveredge 158592 Owner: J. Barlow Cullum, Reading, Pennsylvania.	2-19-29	1416.4	71.53	Mar	AAA
Gayhead's Honeysuckle 182706 Owner: George M. White, Coxsackie, New York.	3—9-29	2057.9 2156.7	88.49 92.09	Apr May	C
Ruth's Tena of Fir Ridge 181488 Owner: Peter Gammeltoft, Roy, Washington.	3-26-29	1484.0	65.30	Apr	CCC
White Hall's Dairymaid 189317 Owner: White Hall Farms, Inc., Elkton, Maryland.	3-20-29	1237.4	60.26	Apr	CCC
Grape Lawn's Fairy Lady 200115 Owner: Thurmond Chatham, Elkin, North Carolina.	3—3-29	1528.0	82.66	Apr	D
Lakewood Barbara 213688 Owner: Millay Brothers, Richmond, Maine.	8-10-28	1335.5	77.33	May	D
Coventry Herald's Gem 182361 Owner: J. O. Winston, Saugerties, New York.	3-16-29	1477.3	76.23	May	D
Fair Weather Patricia 197938 Owner: Badgley Brothers, Coxsackie, New York.	4—1-29	1268.3 1202.0	63.67 56.61	Apr May	DDD
Salome of Valley Gem 189616 Owner: Valley Gem Farms, Arlington, Washington.	3-19-29	1262.5	59.34	Apr	DDD
Escalon Rosegirl 249979 Owner: A. B. Humphrey, Escalon, California.	3—1-29	1126.5	59.14	Apr	DDD
Escalon Hilda 247208 Owner: A. B. Humphrey, Escalon, California.	3—4-29	1132.4	61.15	Apr	EEE

Loudoun Guernsey Sale Averages High

THE seventh annual Guernsey sale held at Purcellville, Virginia, on May 23, averaged $358—sixty dollars higher than any previous sale. The thirty-six animals in the sale were consigned by sixteen breeders from Massachusetts, Maryland, Virginia and Mississippi.

The top price for a male was $2,500, for Langwater Francois 160258, a seven months old bull consigned by J. S. Ames, Langwater Farm, North Easton, Massachusetts. He was purchased by Goodstone Farm, Middleburg, Virginia, owned by Walter L. Goodwin and managed by J. B. Skinner. The top price for a female was $775, for King's Betty of Lombardy 278801, bred and consigned by Saunders and Myers of Loudoun County and purchased by the Rock Spring Farm owned by W. A. Hill, Rockville, Maryland. The animals were purchased by breeders from Pennsylvania, Maryland, Virginia and West Virginia.

At the close of the sale the manager announced a consignment sale for September 11, 1929, of 100 selected cow testing association grade cows. The animals going into the sale are to be selected from the herds of Loudon and adjoining counties.

Clean Herds

THE herd of fifty-one pure bred and grade Guernseys owned by Brown and Heilig, Salisbury, North Carolina, has just been granted a certificate of inspection and test for bovine infectious abortion by the Veterinary Division, Department, of Agriculture, Raleigh, North Carolina, attested by the Commissioner of Agriculture, William A. Graham, and State Veterinarian, Dr. W. M. Moore, showing that the herd has satisfactorily passed three inspections of the blood test which were negative. This is one of five herds in the state that has complied with all of the regulations and has become accredited.

The herd of Brown and Heilig was one of the first herds in North Carolina to be placed on the Federal Accredited list in the campaign to eradicate tuberculosis. They make it a practice to segregate all animals brought on the farm and to keep them separated from all other cattle until they have been tested for tuberculosis and contagious abortion. North Carolina was the first state in the South, and Rowan County the first county in the state, to become a modified accredited territory against tuberculosis,

Stadacona Nora 201023 Owner: Elizabeth Douglas, Tilly Foster, New York.	4—1-29	1115.3 1075.3	57.66 60.97	Apr May	EEE
Brabant Ultra Beth 197021 Owner: George W. Perkins, Cold Spring, New York.	2-18-29	1111.5	59.58	Mar	EEE
Ann Mary of Holly Hill 194711 Owner: Henry A. Colgate, Green Village, New Jersey.	2-23-29	1109.1	58.01	May	EEE
Escalon Olga 241402 Owner: A. B. Humphrey, Escalon, California.	12-27-28	906.0	53.27	Apr	EEE
Lady Rose's Beauty of Beaver Run Farm 209504 Owner: J. W. Patrick, East Liberty, Ohio.	2-18-29	1089.3	51.96	Apr	EEE
Lucinda of Breidablik 209766 Owner: L. G. Culver, Salisbury, Maryland.	4—1-29	1201.4	51.30	May	EEE
Fairydale Model Hepatica 234060 Owner: Robert Alfred Shaw, North Dorset, Vt.	1-11-29	1299.6	80.19	May	F
Troutmere Margie 214191 Owner: R. W. Krobitzsch, La Honda, Calif.	2-13-29	1509.6	68.69	Apr	F
Ultra May 197136 Owner: J. L. Hope, Madison, N. J.	7—1-28	1082.5	67.12	May	F
Whiteash Bo Peep Ella Percilla 208984 Owner: Julius Pflughoeft, Algoma, Wisconsin.	3-16-29	1126.2	73.32	Apr	FFF
Grace Gray of Mohican Farm 214067 Owner: Irven Sevits, Danville, Ohio.	4—1-29	1181.5	56.48	Apr	FFF
Daisy Marie of Spring Hill 225339 Owner: Walter Lemley, Fredericktown, Ohio.	1-14-29	1103.9	55.53	May	FFF
Grace Gray of Mohican Farm 214067 Owner: Irven Sevits, Danville, Ohio.	4—1-29	1231.5	54.19	May	FFF
Hedge Hill Dianan 216033 Owner: A. M. Kennell, Honey Brook, Pa.	3—1-29	996.5	52.81	Mar	FFF
Dairy Maid of Mengus Farm 212750 Owner: Orville Menzies, Ira, New York.	10-29-28	717.2	49.49	May	FFF
Brabant King's Katherine 208203 Owner: George W. Perkins, Cold Spring, New York.	1-28-29	903.7	46.90	Mar	FFF
Marshallvale Countess 203925 Owner: J. Albert Marshall, Kennett Square, Pa.	1—8-29	857.2	45.95	May	FFF
King's Cissy's Ann of Big Hill 213953 Owner: Julius Pflughoeft, Algoma, Wisconsin.	3-17-29	1049.9	45.67	Apr	FFF
Frances of White Farms 215355 Owner: L. S. White, Cairo, New York.	10-27-28	1287.9	73.02	May	G
Collection's Bargy 217032 Owner: F. A. Mitchell, Far Hills, New Jersey.	11—9-28	1338.8	68.28	Apr	G
Daisy Princess of Millay's Homestead 206696 Owner: Millay Brothers, Richmond, Maine.	8-11-28	1048.9	67.65	May	G
Imp. Bickleigh Squaw 214362 Owner: Mrs. E. H. Geran, Matawan, New Jersey.	1-23-29	1329.0	64.19	May	G
Hiawatha Gallant Winsome 274836 Owner: Martin T. Allwardt, Gibsonburg, Ohio.	3-15-29	1154.6	63.62	Apr	G
Hank's Emmy Lou of Dellwood 231875 Owner: John Henry Hammond, Mount Kisco, New York.	3-30-29	1271.2	62.29	May	G
Elm Farm Claribella 273489 Owner: McCormick & Waddell, Deerfield, Illinois.	1-11-29	1426.8 1327.6	60.35 62.00	Mar Apr	G
Oaks Farm Blossom 218621 Owner: C. W. Barron, Cohasset, Mass.	2-27-29	1168.8	60.89	Apr	G

More Interest at Pine Bluff

W. E. BOBO of Pine Bluff, Arkansas, has purchased an excellent Guernsey bull from Gayoso Farm, Horn Lake, Mississippi. The bull is a double grandson of Langwater Actor 60162. The sire is Gayoso Roberta's Actor 98816, winner of several grand championships in the Gayoso show herd and now on lease to the Virginia Polytechnic Institute, Blacksburg, Virginia. His dam, Folly Roberta 81637 has a record of 12489.3 pounds of milk and 657.3 pounds of butter fat in class A, has two Advanced Register daughters and is by Allenwood King Regent 23641.

The dam of Gayoso King Edward 153107, Mr. Bobo's new bull, is Gayoso Actor's Lady Peggy 188647 that recently finished her record in class F with 548.8 pounds of butter fat. According to C. C. Cartwright, manager of the Gayoso Hotel, she is one of the five best cows in the Gayoso herd. Her dam, Lady Peggy of Killarney Farms 118584, has a record of 16969.7 pounds of milk and 817.5 pounds of butter fat in class C and is out of Peggy of Killarney Farms 91658 that has a record of 16898.4 pounds of milk and 868.3 pounds of butter fat, sixth leading cow in class AA.

Mr. Bobo's establishment of a pure bred Guernsey herd makes him the pioneer Guernsey breeder in the Pine Bluff area. The first registered Guernseys ever seen at Pine Bluff were in the exhibit of the Emmadine Farm herd at the Four-County Fair last fall. At that time the White Feed Mills purchased a son of Mayprince's Royal 155359 and placed him with three farmers at England, Arkansas, nearby.

A son of May Royal's Majesty 117245, out of a daughter of Langwater Foremost 39191, was purchased at that time from the Emmadine herd by the Chamber of Commerce and given away. He was won by a town resident and subsequently sold to John Walters, North Little Rock, Arkansas. He has since developed into an excellent individual. John Walters, a young cotton planter, has both the vision and ideas of a breeder and is developing an excellent herd at North Little Rock. He is breeding his foundation females to Gayoso Steadfast Ranger 78602, a proven son of Langwater Actor 60162, that he has leased from his neighbor, W. R. Dortch, and is breeding his daughters to this excellent grandson of Mixter Faithful 101637, Mixter May Royal 65203 and Langwater Foremost 39191.

Great Hill's Marshflower 221437 Owner: Carrie M. Stone, Marion, Mass.	4—1-29	1276.1	60.87	May	G
Cherry Blossom of Old Town Farm 209946 Owner: B. F. W. Russell, Peterboro, N. H.	10-10-28	904.7	53.92	May	GGG
Escalon Clio 277227 Owner: A. B. Humphrey, Escalon, Calif.	5-11-29	1127.6	52.43	Apr	GGG
Escalon Pearley 272717 Owner: A. B. Humphrey, Escalon, California.	2-15-29	1067.5	50.71	Apr	GGG
Rivermoor's Roselady 223786 Owner: J. S. Bancroft, Mora, Minnesota.	12—1-28	843.5	47.24	Apr	GGG
Viola's May King Lady Antoinette 224154 Owner: D. H. McAlpin, Morris Plains, New Jersey.	12-24-28	771.5	47.22	May	GGG
Bournedale Violet 236766 Owner: H. F. Andrus, Millerton, New York.	3-20-29	1265.7	46.07	Apr	GGG
Cherub's Lassie Sue 233837 Owner: Ross and Zora Hocking, Readstown, Wisconsin.	4—5-29	906.9	45.89	May	GGG
Mosrose's Cherub's Auburnette 224372 Owner: W. E. Harrington, Hutchinson, Minnesota.	11—1-28	833.0	44.57	May	GGG
Imp. Floradora of Ponchez 263661 Owner: B. D. Miller, Honesdale, Pennsylvania.	3-24-29	967.3	44.11	May	GGG
Eastlawn Surprise 221286 Owner: B. F. Studebaker, Union, Ohio.	1—1-29	966.0 1016.5	43.95 42.08	Mar Apr	GGG
Betty Ann of Elgercon 214183 Owner: Gertrude L. C. Tucker, Willoughby, Ohio.	11—1-28	841.3	43.66	May	GGG
Beatrice of Kodan 255852 Owner: Julius Pflughoeft, Algoma, Wisconsin.	1-15-29	827.4	43.40	Apr	GGG
Pine Ridge Victory 226178 Owner: Chris Skaar, Hayward, Minnesota.	2—8-29	869.2	42.42	Mar	GGG
Florham Bud 217607 Owner: J. L. Hope, Madison, New Jersey.	8-20-29	738.5	42.39	Apr	GGG
Mary of Donation Hill 237203 Owner: Frank B. Foster, Phoenixville, Pennsylvania.	2—1-29	878.9	42.29	Apr	GGG
Illustrator's Aurora 219163 Owner: J. E. Andrus, Jr., Walker, Minnesota.	12-17-28	817.0	42.08	Mar	GGG
Bosworthfield Juanita 215509 Owner: H. Schaaf, Chatham, New York.	3-11-29	928.0	41.85	Apr	GGG
Lonicera Departure 27605 Owner: H. M. Leinbach, Douglassville, Pennsylvania.	3-11-29	885.9	41.64	Apr	GGG
Waldorf Naomi 225319 Owner: Oscar F. Kinney, North Chatham, New York.	2-10-29	942.0	41.54	May	GGG
Pine Ridge Victory 226178 Owner: Chris Skaar, Hayward, Minnesota.	2—8-29	786.0	41.50	May	GGG
Grassland Gloria 208437 Owner: Robert and Herbert Scoville, Taconic, Connecticut.	8—2-28	902.8	41.17	Mar	GGG
Cavalier's Auburnette 22441 Owner: W. E. Harrington, Hutchinson, Minnesota.	1-22-29	918.0	41.03	Mar	GGG
Betty's Nora 224109 Owner: A. P. Irwin, Chadds Ford Junction, Pennsylvania.	2—1-29	768.7	40.97	Apr	GGG
Stadacona Poppy 205241 Owner:Elizabeth Douglas, Tilly Foster, New York.	10-15-28	676.5	40.86	May	GGG
Eunice of Echo Lodge 225610 Owner: C. A. Hennesey, Watervliet, Michigan.	1-27-29	856.9	40.70	Apr	GGG
Pine Ridge Victory 226178 Owner: Chris Skaar, Hayward, Minnesota.	2—8-29	815.0	40.42	Apr	GGG
Bosworthfield Juanita 215509 Owner: H. Schaaf, Chatham, New York.	3-11-29	950.6	40.31	May	GGG

APPROVED ADVANCED REGISTER RECORDS

From June 15, 1929, to July 1, 1929

Includes A. R. 23462 to 23561 with re-entries: 15202; 16196; 16613; 17430; 17477; 17938; 17959; 18233; 18306; 18383; 18965; 19013; 19024; 19059; 19063; 19113; 19544; 19665; 19941; 20416; 20715; 21074; 21155; 21292; 21359; 21871

CLASS A—Five Years and Over

A. R.		Lbs. Milk	Lbs. Fat	Per Cent Fat	AGE Yrs. Mos.	OWNER
R¶*°21871	Bertha's Ultra Pride 142501	16262.6	867.6	5.33	5—9	W. C. Terry, Catskill, N. Y.
R°19113	Glen Gable Merry Lady 141625	15698.6	814.7	5.19	5—6	D. O. Brant, Owensmouth, Calif.
23540	Knight's Etta of Chestermont 150393	15342.9	756.4	4.93	5—1	Dorothy E. Cadwalader, Phoenixville, Pa.
R17938	Upland's Portia 147882	12122.3	736.4	6.07	5—3	Edward Wigglesworth, Topsfield, Mass.
23465	Ruby of Northside 113431	12815.9	709.5	5.54	7—6	L. A. Hawkins, Silver Creek, N. Y.
23463	Imogene's Governess 110352	14239.8	705.6	4.96	8—0	Eugene O. Brielman, Pittsfield, Mass.
R¶16613	Thornton's Wonder Girl 126081	14100.2	672.1	4.77	6—5	Arthur Stanley Zell, Riderwood, Md.
23541	Procris Red Clover 160071	11416.3	641.3	5.62	5—2	Dorothy E. Cadwalader, Wayne, Pa.
¶23527	Lilac's Beauty of the Bonny Brae Farm 137764	12222.0	627.2	5.13	5—11	G. A. Brandt, Rockford, Ohio.
23496	Bella of Locust Grove 90443	12045.7	625.7	5.19	9—6	James L. McIntosh, Dovesville, S. C.
R16196	Great Hill's Charm 122963	12038.4	622.2	5.17	6—7	Carrie M. Stone, Marion, Mass.
R19544	Beauty of Ioka Farm 121092	13363.3	611.0	4.57	7—0	D. O. Brant, Owensmouth, Calif.
23549	Stony Hill Lily 132935	14983.6	610.1	4.07	6—1	John A. Miller, Nazareth, Pa.
R19024	Ultra King's Ella 128456	16118.1	608.0	3.77	7—6	Oklahoma A. & M. College, Stillwater, Okla.
¶23532	Madge of Middlebrook 129330	11663.1	603.2	5.17	6—1	S. A. Wertheim, Allenhurst, N. J.
R¶21155	Maxine Hambro 107773	14687.5	590.6	4.02	8—3	D. O. Brant, Owensmouth, Calif.
23481	Little Tunette of Sepascot 181482	10908.5	581.9	5.33	5—6	Est. Leslie Weaver, Rhinebeck, N. Y.
23561	Rose Rouge of Lincoln Way 104120	13943.0	581.2	4.17	8—5	I. R. Manton, Everett, Ohio.
23479	Friendship Dolly Bloom 98581	11759.1	580.5	4.94	8—8	E. C. Horn, Claysville, Pa.
R17959	Hinsdale Adeino 149290	12260.5	577.3	4.71	5—5	C. J. Hinds, Springfield Center, N. Y.
23531	May Star of Brookside 102449	10209.6	576.6	5.65	8—3	Turner & Duvall, Parkton, Md.
23553	Midway's Red Girl 128357	11820.6	561.3	4.75	6—5	E. O. Weilep, Gilmanton, Wis.
R17477	Breidablik Lillian 134825	11652.9	557.9	4.79	6—0	H. J. Krebs, Wilmington, Del.
R17430	Redpath's Dairymaid 118587	12718.0	550.2	4.33	6—10	C. B. Heifner & Son, Sullivan, Ohio.
23528	Star's Princess of River Side Stock Farm 90576	12373.7	545.0	4.40	9—7	G. A. Brandt, Rockford, Ohio.
R18233	Royal Maid of Bon Ayre 127612	10435.5	542.5	5.20	6—8	William A. Fisher, Rochester, Mich.
R15202	Hillswold Clara 116827	10601.2	533.0	5.03	7—3	J. A. Waldron, Chino Valley, Ariz.
R18306	Radisson's Itchen Rose 138613	10417.4	530.9	5.10	5—5	Simon Kruse, Anoka, Minn.
†23464	Haddon's Quality Girl 149504	9463.7	512.8	5.42	6—4	E. T. Gill, Haddonfield, N. J.
23499	Begonia of Flying Hill 134205	9579.3	510.2	5.33	6—2	Caroline Archer, Reading, Pa.
R18383	Fritzlyn Ultra Girl 147168	11177.4	502.6	4.50	5—3	William F. Fretz, Pipersville, Pa.
¶23555	Faith's Charity of Smithdale 147817	8840.1	486.4	5.50	7—0	H. T. Smith, Humeston, Iowa.
R¶19013	Le Cheminant Kak 140293	9485.2	473.5	4.99	5—1	Cornell University, Ithaca, N. Y.
23512	Roughwood's Gretchen of Bayside 147183	9950.4	416.9	4.19	5—8	Albert Shaw, Sterling, Va.
¶23494	Forestdale Melinda 71338	8602.4	405.3	4.71	11—5	Charles H. Tyler, Sanbornton, N. H.
23508	Corium Hilma's Echo 154678	6624.2	400.8	6.05	5—0	F. J. Rueping, Fond du Lac, Wis.
†23491	Fair Weather France 75969	8503.1	385.6	4.53	11—1	Charles S. Fayerweather, New Lebanon, N. Y.
†23492	May of Elmonica 112368	7078.5	361.5	5.11	7—8	Fred Harvey, Inc., Chino Valley, Ariz.

CLASS B—Four and One-Half to Five Years

R°19063	Roberta of Halfred Farms 152546	15811.9	839.3	5.31	4—8	W. T White, Chagrin Falls, Ohio.
R°19059	Cathedral Rhoda 149818	14328.2	815.1	5.69	4—10	H. H. Buckley, Oneonta, N. Y.
23486	Sophia of King Hill 154484	15605.9	739.4	4.74	4—9	Winfield C. Terry, Catskill, N. Y.
R18965	Little Jane's Junie Ann 157119	14014.8	717.9	5.12	4—9	Sanford & Cartner, Mocksville, N. C.
23543	Rose of Walden 153620	11380.3	681.7	5.99	4—6	E. H. Fahrney, Oshkosh, Wis.
R19665	Sharon's Golden Rose 155129	11627.9	586.4	5.04	4—10	I. E. Emerson, Brooklandville, Md.

CLASS C—Four to Four and One-Half Years

¶23536	Chestermont Clover Girl 156836	14017.1	623.3	4.45	4—3	Dorothy E. Cadwalader, Phoenixville, Pa.
R†*19941	Grassland Letty 169690	13611.8	605.0	4.44	4—3	Robert & Herbert Scoville, Taconic, Conn.
R21292	Imp. Remembrance of Duvaux 182376	12835.0	585.2	4.56	4—5	Chester C. Bolton, South Euclid, Ohio.
23480	Daisy Della of Sepascot 164392	11837.1	579.6	4.90	4—4	Frank J. Morgan, Rhinebeck, N. Y.
R20715	Cynthia of Glenmore 166453	11736.8	556.7	4.74	4—3	I. E. Emerson, Brooklandville, Md.
23472	Willow Creek's Autumn Star 157912	10673.5	545.9	5.11	4—5	Wilbur Seipt, Lansdale, Pa.
R†20416	Rockingham Faith 169803	7589.6	379.8	5.00	4—2	George W. Wilder, East Rindge, N. H.

CLASS D—Three and One-Half to Four Years

23552	Our Pride 203129	12702.7	667.2	5.25	3—9	George W. St. Amant, East Falmouth, Mass.
R¶21074	Langwater Hayes Daisy 177726	12363.6	606.3	4.90	3—6	B. D. Miller, Honesdale, Pa.
¶23509	Corium Princess Festa 178613	8171.2	532.0	6.51	3—7	F. J. Rueping, Fond du Lac, Wis.
23498	Aristocrat's Pearl of Thorn Hill 172541	9175.0	513.0	5.59	3—8	August Ziesing, Deerfield, Ill.
23550	Imp. Violet of the Lohiers II. 226858	10693.8	482.6	4.51	3—8	John A. Miller, Nazareth, Pa.
23485	Opal of Fairview 2d 170374	8974.8	442.4	4.93	3—10	Peter Cologna & Sons, Marshfield, Mo.
†23525	Imp. France's Pride of Groignet III. 248926	7154.8	353.4	4.94	3—11	John F. Talmage, Mendham, N. J.
†23529	Folly Girl's Rose of Mount Fair 176867	7374.8	352.4	4.78	3—11	S. McLean Buckingham, Watertown, Conn.

CLASS E—Three to Three and One-Half Years

°23503	Riverview's Ultra Rose Bud 195741	15214.4	731.0	4.80	3—3	Louis C. Emmons, Swarthmore, Pa.
¶23483	Lake Delaware Prudent Maid 178697	9958.7	619.7	6.22	3—3	Angelica L. Gerry, Delhi, N. Y.
23501	Shasta of Flying Hill 184645	12336.5	612.1	4.96	3—2	Caroline Archer, Reading, Pa.
¶23539	Chestnutwold Gracious Dawn 180173	12772.1	602.7	4.72	3—3	Forrest Warren Cadwalader, Wayne, Pa.
R21359	Golden Lassie of Bowood 2d 177743	11404.2	572.6	5.02	3—4	L. F. Loree, West Orange, N. J.
23469	Leader's Rose Bud 181804	9763.0	556.5	5.70	3—5	Orville Menzies, Ira, N. Y.
23511	Miss Gentle of Rock Spring 182494	9865.5	527.6	5.35	3—3	Albert Shaw, Sterling, Va.
23535	Bay Cliffs Sensational Jayne 176595	9918.3	496.5	5.01	3—5	Howard D. Brewer, Shrewsbury, Mass.
23521	Polly Ann of Mound City 200340	8699.6	492.2	5.66	3—1	Charles A. Wilkins, Platteville, Wis.
23471	Edgewood Marianna 184783	10617.4	489.5	4.61	3—2	Orra M. Rhodes, Etna, N. Y.
23513	King's Clara of The Forges 187275	8903.4	460.9	5.18	3—2	Sherman L. Whipple, Plymouth, Mass.
23474	Marcheta 182210	10394.9	437.6	4.21	3—4	Frank G. Vibberts, New Britain, Conn.
23519	Mollie of Shattoockquis 193677	8104.9	428.9	5.29	3—0	George W. Wilder, East Rindge, N. H.
23484	Baron's Lily of Fairview 184070	9087.8	421.2	4.63	3—3	Peter Cologna & Sons, Marshfield, Mo.
¶23470	Avalon's Golden Maid 178282	7984.5	385.1	4.82	3—4	E. C. Peck, Macedonia, Ohio.
†23493	Glenburnie Dawn 175873	7454.5	364.1	4.88	3—5	James E. Russell, Trenton, N. J.
23523	Poilu's Agnes 185471	6479.8	350.0	5.40	3—2	J. B. Decker, Elkton, Md.

CLASS F—Two and One-Half to Three Years

23515	Radium's Caromel 203163	11913.7	613.8	5.15	2—11	W. T. White, Chagrin Falls, Ohio.
23505	Locust Valley Fay 186482	9657.7	587.8	6.09	2—10	Russell Grinnell, Exeter, R. I.
23534	Enterprise's Redvale Bountiful 201190	12090.4	544.6	4.50	2—6	Harry Bailey, Mount Tremper, N. Y.
23522	Appletree Point Gold Cup 194798	11443.2	543.8	4.75	2—10	George E. Dean, Albion, Mich.
23548	Imp. Fanny of the North 226876	9535.2	520.0	5.45	2—8	John A. Miller, Nazareth, Pa.
¶23488	Coventry Valentine Blossom 192200	9822.0	491.7	5.01	2—6	R. Lawrence Benson, Princeton, N. J.
23467	Rilma's Glenwood Pride 203186	10023.0	480.0	4.79	2—6	Henry W. Leeds, Westville, N. J.
23546	Appin's Waitress 197358	7097.4	361.0	5.09	2—7	C. S. McCall, Bennettsville, S. C.
†23476	Tabitha of Stanford 192329	6709.6	353.2	5.26	2—10	Hugh Barclay, Pulaski, N. Y.

CLASS G—Under Two and One-Half Years

°23538	Chestnutwold Bobbie Louise 206766	13293.1	645.9	4.86	2—2	Dorothy E. Cadwalader, Phoenixville, Pa.
°23466	Caloma's Pride of Six Pines 246938	14950.9	641.0	4.29	2—2	W. W. Knight, Perrysburg, Ohio.
°23473	Leader's Violet of Shorewood 206976	10035.8	624.3	6.22	2—3	D. D. Tenney, Crystal Bay, Minn.
°23504	Brooklandwood Golden Queen 202031	10084.7	608.9	6.04	2—3	Ralph E. Flinn, Sharpsburg, Pa.
23477	Queen's Hope 204725	12015.8	575.3	4.79	2—4	Foxburg Farms Herd, Foxburg, Pa.
23537	Chestermont Miss Playful 201729	12356.4	565.2	4.57	2—0	Dorothy E. Cadwalader, Phoenixville, Pa.
23533	Beechford's Ne Plus Melba 198955	11725.2	557.9	4.76	2—4	Harry Bailey, Mount Tremper, N. Y.
23507	Corium Brownie's Governess 205543	10534.6	548.5	5.21	2—4	F. J. Rueping, Fond du Lac, Wis.
23502	Miss Venus of Maple Ridge 205457	11416.0	545.0	4.77	2—4	Dwight Baldwin, Westboro, Mass.
23517	Radium's Vanity 209601	11604.9	544.8	4.69	2—2	W. T. White, Chagrin Falls, Ohio.
23516	Radium's Pride 209600	11345.6	540.4	4.76	2—2	W. T. White, Chagrin Falls, Ohio.
23554	Gernert's Bernice of Ritchie's Farm 198520	9312.9	530.5	5.70	2—2	C. A. Ritchie, Binghamton, N. Y.
23542	Falcon's Sailor Girl 210007	10386.0	530.3	5.11	2—3	B. Austin Cheney, Litchfield, Conn.
¶23497	Jean of Clover Farm 204740	9459.2	518.7	5.48	2—4	James L. McIntosh, Dovesville, S. C.
23462	Coventry Valentine Comely 203989	10243.3	506.7	4.95	2—1	R. Lawrence Benson, Princeton, N. J.
23500	Dehlia of Flying Hill 198445	9606.6	489.4	5.09	2—5	Caroline Archer, Reading, Pa.
23520	Lustre of Mound City 211170	11480.2	470.0	4.09	2—0	Charles A. Wilkins, Platteville, Wis.
23510	Corium Ultimas' Guinette 205545	9439.2	469.4	4.97	2—3	F. J. Rueping, Fond du Lac, Wis.
23556	Rancho Admiral's Advent 250784	8086.4	465.5	5.76	2—3	D. O. Brant, Owensmouth, Calif.
23551	Cherub's Queen of Rose Dale 206990	9611.9	461.4	4.80	2—2	M. A. Schmidt, Chaska, Minn.
23530	Charter Lily of Fritzlyn 3d 195406	9530.0	457.5	4.80	2—5	William F. Fretz, Pipersville, Pa.
23558	Topango Girl of the Rancho 248395	9287.4	449.4	4.84	2—3	D. O. Brant, Owensmouth, Calif.
†23489	Bosworthfield Irma 196299	10368.1	447.8	4.32	2—4	Charles W. Bosworth, Lenox, Mass.
23482	Pride of Evergreen Dairy Farm 205856	8297.5	445.9	5.37	2—3	E. O. Weilep, Gilmanton, Wis.
23475	Imp. Oaks Farm Artesia 196338	8981.0	445.7	4.96	2—4	George W. Wilder, East Rindge, N. H.
23468	Royal's Sunshine of Pomeroy 217911	10497.9	444.1	4.23	2—3	Henry W. Leeds, Westville, N. J.
23547	Appin's Welcome 197361	7958.8	440.9	5.54	2—4	C. S. McCall, Bennettsville, S. C.
23559	Cherub's Buttercup of Avalon 198739	9362.7	435.8	4.65	2—4	I. R. Manton, Everett, Ohio.
23487	Pacemaker's Lady 200847	8731.5	435.1	4.98	2—5	Robert P. Willits, Haddonfield, N. J.
¶23560	Cherub's Matilda of Avalon 175749	8692.8	434.2	4.99	2—5	I. R. Manton, Everett, Ohio.
23495	Adventurer's Juliet of Clover Farm 203636	7807.6	432.0	5.53	2—4	James L. McIntosh, Dovesville, S. C.
23557	Rancho Royal Princess 250783	8189.1	422.2	5.16	2—4	D. O. Brant, Owensmouth, Calif.
23478	Sally's Anna-Belle 204726	8713.7	421.0	4.83	2—3	Foxburg Farms Herd, Foxburg, Pa.
23506	Homestead Euterpe 199872	8520.7	416.1	4.88	2—3	W. P. Jackson, Salisbury, Md.
23526	Pepaita of Audley 202568	7861.9	414.7	5.27	2—1	John F. Talmage, Mendham, N. J.
23544	Imp. Passee Fancy's Beauty 228633	8388.5	385.7	4.60	2—3	Frank B. Foster, Phoenixville, Pa.
¶23518	Frances Netoria 3d 221665	7663.7	382.1	4.99	2—1	W. B. Wickersham, Kennett Square, Pa.
23545	Knight's La Bell of Arlymear 217370	8906.1	380.9	4.28	2—4	F. E. Fox, Waukesha, Wis.
†23490	Bosworthfield Julia 199376	7962.0	375.5	4.72	2—3	Charles W. Bosworth, Lenox, Mass.
23514	The Forges' Happy New Year 207464	6884.3	370.8	5.39	2—4	Sherman L. Whipple, Plymouth, Mass.
23524	Governor's Rosette of Rossbourg 195967	7773.5	369.4	4.75	2—3	Maryland Agr'l Experiment Station, College Park, Md.

Bulls Admitted to the A. R. by Daughters Whose A. R. Numbers Appear in Brackets

AVALON GOLDEN SECRET 62243 [22169—23470]
CECIL OF FAIRVIEW 64349 [21914—23485]
GLENBURNIE BRIGADIER 83719 [22549—23493]
GRAPLELAWN HOLLISTON 104981 [23448—23497]
CORIUM LADOCK JENNY'S PRINCE 81177 [21710—23507]
CHALLENGER OF PROSPECT 58489 [23477—23478]
CHRISTINE'S IMP OF MAPLE LANE 33136 [19144—23491]
GLENWOOD'S ADVENTURER 64702 [17523—23495]
PENCOYD'S SECRET MAY KING 69300 [23198—23501]
PRINCE GERNERT OF BROOKSIDE 77040 [21408—23554]

Double Letter Class ¶ Triple Letter Class† Class Leader* Re-entries R Exceeds requirement by 100% or over*

TEN LEADING COWS

In the Several Classes of the Advanced Register

		Lbs. Milk	% B. F.	Lbs. B. F.	% of requirement
CLASS A Five Years and Over. Minimum Requirement 400.0 lbs. Butter Fat. Includes both the Single and Double Letter Classes. Duration of record, 365 days.	Countess Prue 43785 A. R. 6909	18626.9	5.92	1103.3	275.8
	Murne Cowan 19597 A. R. 1906	24008.0	4.57	1098.2	274.5
	May Rilma 22761 A. R. 1726	19673.0	5.46	1073.4	268.4
	Gertrude Claire 99550 A. R. 15917	20738.1	4.92	1020.0	255.0
	Nella Jay 4th 38233 A. R. 3194	20709.9	4.92	1019.3	254.8
	Langwater Nancy 27943 A. R. 1826	18783.5	5.39	1011.7	252.9
	Dairy Maid Queen of Spring Hill 74067 A. R. 8231	18180.7	5.56	1011.2	252.8
	Langwater Hope 27946 A. R. 1978	19882.0	5.05	1003.2	250.8
	Lillia of Iowa 2d 61500 A. R. 7589	18520.1	5.39	998.4	249.6
	Mallia 124355 A. R. 19424	16434.3	5.97	981.7	245.4
CLASS B Four and One-Half to Five Years**. Minimum Requirement 381.8 lbs. Butter Fat. Includes both the Single and Double Letter Classes. Duration of record, 365 days.	Anesthesia Faith of Hill Stead 114354 A. R. 12732	19741.9	5.64	1112.5	279.8
	Edna of Mountain View 70827 A. R. 8706	16151.6	5.78	933.1	234.7
	Fannie of Moorland Farm 129904 A. R. 12741	18090.5	5.08	919.2	236.1
	Martha of Thousands Springs 159971 A. R. 17984	19099.5	4.81	919.2	230.1
	Marshie D. V. 67481 A. R. 6858	14729.9	6.21	915.1	229.0
	Hylan Cottage Lassie 119573 A. R. 19643	17081.2	5.35	913.2	233.8
	Dairymaid of Pinehurst 24656 A. R. 843	17285.3	5.27	910.7	234.5
	Regina of Fairydale 134075 A. R. 14726	16105.1	5.63	906.7	229.7
	Kate of Farview 82754 A. R. 11926	19227.8	4.71	905.7	229.3
	Mazie of Blue Clay 142616 A. R. 17644—BB	16306.3	5.53	901.7	235.9
CLASS C Four to Four and One-Half Years**. Minimum Requirement 363.5 lbs. Butter Fat. Includes both the Single and Double Letter Classes. Duration of record, 365 days.	Cherub's Althea of Fair Meadows 145860 A. R. 21580	15277.6	6.06	926.2	243.8
	Norman's Missaukee Red Rose 89724 A. R. 10844	17527.2	5.14	900.7	239.3
	Gertrude Claire 99550 A. R. 15917	18942.5	4.72	893.4	243.2
	Pearl Rose of the Glen 47414 A. R. 4900	16855.6	5.25	884.2	231.8
	Winnie of Roughwood 96448 A. R. 12643	16185.5	5.46	883.1	231.4
	Langwater Zara 89273 A. R. 10632	14653.6	5.85	857.6	226.6
	Azucena's Pride 2d 24957 A. R. 1469	16203.9	5.28	855.7	232.7
	Lady Crescent's Ideal of El Jane 141951 A. R. 18127—CC	16624.7	5.14	854.9	232.7
	Murne's Apple Bud of A. D. F. 83445 A. R. 10067	14691.5	5.82	854.7	223.9
	Governor's Pauline 30472 A. R. 2441	14930.0	5.66	844.5	226.8
CLASS D Three and One-Half to Four Years**. Minimum Requirement 345.3 lbs. Butter Fat. Includes both the Single and Double Letter Classes. Duration of record, 365 days.	Atamannsit La Noce 162411 A. R. 20367	15328.4	6.09	933.3	263.0
	La Noce's May Rose 91329 A. R. 11788	18119.9	5.15	932.8	266.0
	Convent's Ultra Queen Rose 127433 A. R. 16513	16598.0	5.51	915.2	257.7
	Dolly Dimple 19144 A. R. 628	18458.8	4.91	906.9	256.5
	Regent's Italia 106261 A. R. 16158	16825.3	5.25	882.8	251.8
	Cherub's Cora of Shorewood 83706 A. R. 9683	15498.9	5.61	869.6	246.8
	Destiny of Roughwood 152812 A. R. 19344	16572.3	5.20	861.8	245.5
	Caribou Rosalie 131869 A. R. 13845	15721.6	5.29	832.2	231.9
	Pearl's Orpha 98429 A. R. 14851—DD	15149.6	5.47	828.9	239.1
	Shagbark's Dorothy 117764 A. R. 18275	18389.1	4.48	823.4	226.8
CLASS E Three to Three and One-Half Years**. Minimum Requirement 327.0 lbs. Butter Fat. Includes both the Single and Double Letter Classes. Duration of record, 365 days.	Afterglow of Roughwood 84605 A. R. 10106	16815.7	5.22	878.2	255.1
	Jehanna Chene 30889 A. R. 2588	16186.7	5.33	863.4	251.1
	Dairymaid of Pinehurst 24656 A. R. 843	14562.4	5.91	860.3	260.3
	Imp. Dunwalk Gem's Beauty 190667 A. R. 22901—EE	15574.4	5.27	820.0	250.2
	Osceola Poundstock 171096 A. R. 20847	14842.6	5.49	814.4	236.1
	Shuttlewick's Jipsultana 108138 A. R. 13713	17429.3	4.63	807.3	235.1
	Portia of Thousand Springs 175074 A. R. 21289—EE	16683.4	4.80	801.3	236.4
	Imp. Donnington Goldie 5th 59866 A. R. 4811	17861.7	4.46	796.5	239.2
	Golden Secret's Pearl 77034 A. R. 8595	17044.6	4.66	794.4	230.1
	Beacon Hill Rose Queen 97102 A. R. 13797	15748.1	4.96	781.5	229.3
CLASS F Two and One-Half to Three Years**. Minimum Requirement 308.8 lbs. Butter Fat. Includes both the Single and Double Letter Classes. Duration of record, 365 days.	Maxim's May Queen of Dassel 136484 A. R. 17894	13967.1	6.09	849.9	262.0
	Brightness of Indian Bridge 85110 A. R. 11524	14460.0	5.71	826.0	258.2
	Shorewood Mademoiselle 168410 A. R. 20965	12348.7	6.59	813.8	257.2
	Nella Jay of Pencoyd 77520 A. R. 8730	16325.6	4.97	810.6	250.3
	Katherine's Trixie 100396 A. R. 8580	18495.7	4.28	791.5	254.0
	Gilmore's Diamond Dew 157648 A. R. 20310	15758.7	4.93	777.0	246.8
	Merry Lillian 118270 A. R. 15935	12625.9	6.13	774.5	245.9
	Langwater Hope 27946 A. R. 1978	15078.8	5.13	773.6	247.8
	Imp. Pearl of Rocque a Boeuf 94324 A. R. 11671	12929.3	5.98	773.4	242.4
	Emmadine Masherlette 109227 A. R. 13265	16604.0	4.62	767.6	246.2
CLASS G Under Two and One-Half Years** Minimum Requirement 290.5 lbs. Butter Fat. Includes both the Single and Double Letter Classes. Duration of record, 365 days.	Missaukee Blue Bell Jane 174479 A. R. 20509	15692.6	5.25	824.3	271.0
	Procris Snowdrop 120156 A. R. 14306	15487.7	5.31	822.2	278.8
	Shuttlewick Levity 101850 A. R. 13362	16896.0	4.76	804.4	273.8
	Cathedral Kate 126395 A. R. 16125	16339.8	4.90	801.1	263.2
	Wyebrook Supreme Sunshine 161186 A. R. 18967	15151.7	5.27	797.8	269.3
	Shuttlewick Hebe 129735 A. R. 16538	18640.5	4.21	783.9	262.7
	Birchfield Selma 168619 A. R. 20622—GG	14496.8	5.32	771.7	250.8
	Aggie's Pride of High Rock 140985 A. R. 17178	15056.9	5.10	768.2	253.3
	Ultra of Edgemoor 107121 A. R. 14056	13493.6	5.69	767.4	248.8
	Wyebrook Merrymaid 161188 A. R. 19644	16219.1	4.70	761.7	256.8

Average Yield of 70 Class Leaders: 16667.8 lbs. Milk; 875.4 lbs. Butter Fat; 5.25 per cent.

The above are as they appeared July 1, 1929

SUMMARY OF 22507 SINGLE LETTER RECORDS

	Records	Lbs. Milk	Lbs. B. F.	Per Cent
Class A	6916	11212.6	551.2	4.92
Class B	1436	10622.6	533.8	5.03
Class C	1693	10307.1	517.5	5.02
Class D	1858	9893.2	501.3	5.07
Class E	2151	9344.2	470.2	5.03
Class F	2767	9064.0	454.1	5.01
Class G	5686	8773.6	437.0	4.98
	22507	9939.0	494.9	4.98

Milk Production
Best Year's Record 24008.0 lbs.
Av. Ten Largest Records 21130.2 lbs.

Butter Fat Production
Best Year's Record 1112.5 lbs.
Av. Ten Largest Records 1045.1 lbs.

HONORABLE MENTION

Largest Single Letter Record for which Certificate has been written since last issue of JOURNAL: Roberta of Halfred Farms 152546, Re-entry: 15811.9 lbs. milk, 839.3 lbs. butter fat in Class B.

Requirement: For each day over the minimum age add 0.1 lb. butter fat to the minimum requirement.

TEN LEADING COWS

In the Several Classes of the Roll of Honor

		Lbs. Milk	% B. F.	Lbs. B. F.	% of requirement
CLASS AA Five Years and Over. Minimum Requirement 400.0 lbs. Butter Fat. Must carry a calf for at least 265 days of the record. Duration of record, 365 days.	Silverwood Diana 82940 A. R. 13791	20006.4	4.87	974.8	243.7
	Golden Coronet of Jean Du Luth 81283 A. R. 10315	15485.9	6.26	968.8	242.2
	Pearl's Dot 57445 A. R. 6140	19602.5	4.93	965.8	241.5
	Jean Du Luth Coronet 52816 A. R. 6392	20004.0	4.76	952.3	238.1
	Imp. Betsy's Hopeful 150678 A. R. 19343	16071.8	5.71	918.0	229.5
	Peggy of Killarney Farms 91658 A. R. 11147	16898.4	5.14	868.3	217.1
	*Bertha'S Ultra Pride 142501 A. R. 21871	16262.6	5.33	867.6	216.9
	Brookmead's Veronica 117142 A. R. 14392	14502.5	5.96	864.6	216.2
	Imp. Pearl of Rocque a Boeuf 94324 A. R. 11671	16102.6	5.34	860.5	215.1
	Duchess Ruth 47060 A. R. 3523	14644.2	5.81	850.5	212.6
CLASS BB Four and One-Half to Five Years** Minimum Requirement 381.8 lbs. Butter Fat. Must carry a calf for at least 265 days of the record. Duration of record, 365 days.	Mazie of Blue Clay 142616 A. R. 17644	16306.3	5.53	901.7	235.9
	Florham Donna May 123982 A. R. 15716	14665.3	5.74	842.1	214.8
	Lone Pine Mollie Cowan 91285 A. R. 11728	16927.7	4.96	840.3	213.1
	Miss Bella of Rocky Reach 2d 68460 A. R. 12254	15084.0	5.47	825.3	206.8
	King's Itchen Goldie 96339 A. R. 13487	14371.9	5.66	813.3	210.2
	Planet's May Blosson 128054 A. R. 16577	16071.4	4.82	775.4	194.7
	Merry Lillian 118270 A. R. 15935	13247.0	5.84	773.0	194.9
	Park's Judith Beauty 76118 A. R. 8533	15338.8	5.01	768.5	196.0
	Steele's Hill Periwinkle 150151 A. R. 19198	13012.7	5.85	761.5	198.9
	Moonlight's Golden Coronet 151687 A. R. 22478	15680.4	4.83	757.1	193.6
CLASS CC Four to Four and One-Half Years**. Minimum Requirement 363.5 lbs. Butter Fat. Must carry a calf for at least 265 days of the record. Duration of record 365 days	Lady Crescent's Ideal of El Jane 141951 A. R. 18127	16624.7	5.14	854.9	232.7
	Merry Rose Maid 105929 A. R. 13048	13944.3	5.90	822.3	217.4
	Bob's Elderon Mable 97880 A. R. 15484	16952.3	4.82	816.9	222.0
	Linden Girl of Harbor Hill 3d 58625 A. R. 4651	15032.9	5.23	785.9	207.0
	Galaxy's Violet of Mara Alva 74195 A. R. 11525	13722.2	5.69	781.1	213.7
	Lola of Crystal View 99673 A. R. 15965	14561.6	5.28	768.7	202.7
	Ultra of Edgemoor 107121 A. R. 14056	13529.1	5.67	767.3	209.1
	Clare of Gerar 4th 143955 A. R. 17496	12975.8	5.78	763.9	206.3
	Silver Star of Jean Du Luth 84246 A. R. 10460	14659.1	5.19	761.5	201.2
	Birchfield Lassie 123202 A. R. 15777	15179.5	4.93	748.1	200.9
CLASS DD Three and One-Half to Four Years**. Minimum Requirement 345.3 lbs. Butter Fat. Must carry a calf for at least 265 days of the record. Duration of record, 365 days.	Pearl's Orpha 98429 A. R. 14851	15149.6	5.47	828.9	239.1
	Rilma of Bay Cliffs 93480 A. R. 11549	15684.7	5.24	821.7	232.9
	Katonah's Dew Drop 76698 A. R. 8584	16505.5	4.76	786.0	217.3
	Gerar Violet Cora 157602 A. R. 19456	15016.0	4.94	741.8	209.1
	Topsy's Golden Princess 224809 A. R. 22405	15966.9	4.64	741.6	210.3
	Imp. Angulosa's Blanche of Langwater 110749 A. R. 14758	13562.3	5.39	730.4	208.3
	Albamont Forget-me-not 111348 A. R. 14633	13163.6	5.54	729.4	208.9
	Lady Mary of Sunnygables 101475 A. R. 14487	15674.3	4.61	722.9	202.6
	Gayoso Baby Alice 140936 A. R. 18268	12891.1	5.58	719.8	198.6
	Cleo's Princess of Millay's Homestead 152352 A. R. 20949	12919.1	5.50	711.0	200.1
CLASS EE Three to Three and One-Half Years**. Minimum Requirement 327.0 lbs. Butter Fat. Must carry a calf for at least 265 days of the record. Duration of record, 365 days.	Imp. Dunwalk Gem's Beauty 190667 A. R. 22901	15574.4	5.27	820.0	250.2
	Portia of Thousand Springs 175074 A. R. 21289	16683.4	4.80	801 3	236.4
	Betsy's Carnation 181676 A. R. 22870	13747.3	5.52	758.7	228.6
	Gayoso Edna Louise 154129 A. R. 18935	14928.0	5.04	752.0	219.6
	Nelia of Millay's Homestead 152356 A. R. 20460	13780.7	5.45	750.7	221.6
	Daisy of Chicona 94894 A. R. 13460	12015.2	6.23	748.1	222.2
	Brilliant Lassie 86452 A. R. 11008	13870.0	5.38	746.3	217.3
	Goldmead's Bright Star 102077 A. R. 14720	15233.5	4.78	727.7	215.2
	Clarabelle of the Rancho 121269 A. R. 11974	11890.3	6.08	723.3	219.3
	Missaukee Sally 103153 A. R. 13266	13199.2	5.47	722.2	210.0
CLASS FF Two and One-Half to Three Years**. Minimum Requirement 308.8 lbs. Butter Fat. Must carry a calf for at least 265 days of the record. Duration of record, 365 days.	Gayoso Incavo's Princess 178772 A. R. 21820	13540.0	5.65	765.3	245.7
	Mixter Faithful 101637 A. R. 11670	12601.9	5.91	744.7	241.2
	Guernest Ruth 76671 A. R. 9392	14357.2	5.17	742.9	231.9
	Golden Coronet of Jean Du Luth 81283 A. R. 10315	12253.5	5.95	729.7	231.3
	Ma Floreine 90747 A. R. 12100	11186.7	6.22	695.6	220.7
	Ann Hill of Rock Spring 172375 A. R. 21819	14517.1	4.79	695.2	220.8
	Imp. Molly of Bella 175164 A. R. 20144	13110.4	5.27	691.4	223.7
	Imp. Rosie II. of Vimiera 93734 A. R. 11356	13396.9	5.14	688.4	211.2
	Red Echo Jessica 122562 A. R. 15953	11737.4	5.84	685.4	218.6
	Westview Eulalie 101869 A. R. 14431	12058.5	5.68	684.4	212.6
CLASS GG Under Two and One-Half Years**. Minimum Requirement 290.5 lbs. Butter Fat. Must carry a calf for at least 265 days of the record. Duration of record, 365 days.	Birchfield Selma 168619 A. R. 20622	14496.8	5.32	771.7	250.8
	Norman's Missaukee Red Rose 89724 A. R. 10844	15122.3	5 03	760.7	254.3
	Wyebrook Glory 188200 A. R. 20499	13701.9	5.48	750.5	250.4
	Merry Rose Maid 105929 A. R. 13048	13138.4	5.63	740.0	244.2
	Beechford's Josephine 156216 A. R. 20571	12382.0	5.93	733.8	240.0
	Imp. Prospect's Rose des Houards 89003 A. R. 7549	13157.8	5.52	726.9	247.4
	Tuscarora Ledyard Blossom 92158 A. R. 10732	12620.6	5.60	707.0	237.4
	Florham Delia 197132 A. R. 22642	11460.7	6.17	706.8	235.0
	Imp. Hilltop Butterfat's Clara 160768 A. R. 19408	14060.6	4.94	694.3	226.0
	Maple Glen Miss Frost 89053 A. R. 10888	13165.6	5.26	692.8	227.4

Average Yield of 70 Class Leaders: 14528.4 lbs. Milk; 778.7 lbs. Butter Fat; 5.36 per cent.

The above are as they appeared July 1, 1929

SUMMARY OF 4797 DOUBLE LETTER RECORDS

	Records	Lbs. Milk	Lbs. B. F.	Per Cent.
Class AA	1414	10725.3	532.7	4.97
Class BB	359	10545.5	526.9	5.00
Class CC	429	10046.4	505.7	5.03
Class DD	443	9725.8	486.9	5.01
Class EE	497	9206.0	467.2	5.07
Class FF	584	8758.4	459.4	5.25
Class GG	1071	8329.9	431.1	5.18
	4797	9627.2	487.2	5.06

Milk Production
Best Year's Record 20006.4 lbs.
Av. Ten Largest Records 18634.1 lbs.

Butter Fat Production
Best Year's Record 974.8 lbs.
Av. Ten Largest Records 914.2 lbs.

HONORABLE MENTION

Largest Double Letter Record for which Certificate has been written since last issue of JOURNAL: Bertha's Ultra Pride 142501, Re-entry: 16262.6 lbs. milk, 867.6 lbs. butter fat in Class AA.

*First appearance in this list. **Requirement: For each day over the minimum age add 0.1 lb. butter fat to the minimum requirement.**

TEN LEADING COWS

In Each of the Several Classes of the Farmers' Division

		Lbs. Milk	% B. F.	Lbs. B. F.	% of requirement
CLASS AAA Five Years and Over. Minimum Requirement 360.0 lbs. Butter Fat. Duration of record 305 days. Milked twice daily. Must carry calf for 205 days.	Waldorf's Periwinkle 130346 A. R. 16300	11057.3	6.28	694.0	192.8
	Waldorf's Mina 96906 A. R. 11929	14135.8	4.76	672.4	186.8
	Rose Bud of Valley Forge Farm 95633 A. R. 21165	13243.4	5.02	665.4	184.8
	Fanchette of Elgercon 124282 A. R. 15979	12767.4	5.20	664.3	184.5
	Crescenda 71233 A. R. 19321	13154.2	5.03	661.3	183.7
	Tuscarora Ledyard Red Rose 84375 A. R. 11213	12805.7	5.09	652.2	181.2
	Sequel's Gala 90735 A. R. 20984	13567.9	4.75	644.1	178.9
	Red Echo Jessica 122562 A. R. 15953	10642.9	5.97	635.1	176.4
	Red Wing's Bonny of Scott Farm 77460 A. R. 18797	12002.0	5.29	634.5	176.3
	Bosworthfield Beulah 90685 A. R. 20866	13105.7	4.81	630.6	175.2
CLASS BBB Four and One-Half to Five Years** Minimum Requirement 341.8 lbs. Butter Fat. Duration of record, 305 days. Milked twice daily. Must carry calf for 205 days.	Bosworthfield Evelyn 127418 A. R. 19909	11006.4	5.53	608.6	174.2
	Helendale Aurora 157245 A. R. 23159	10948.8	5.37	588.1	168.0
	Red Echo Jessica 122562 A. R. 15953	10355.9	5.60	579.9	164.1
	Anton's Lucile Primrose 71074 A. R. 11493	10084.1	5.69	573.8	167.6
	Dora's Princess of Bradford 148638 A. R. 22233	10227.9	5.20	532.3	151.4
	Marna of Chicona 154598 A. R. 22744	11572.9	4.50	520.8	146.7
	Rose of Valley Gem 121145 A. R. 15776	10662.2	4.86	518.3	146.7
	Waldorf's Lady Queen 127457 A. R. 16610	10756.9	4.78	513.7	144.1
	Bertha's Ultra Pride 142501 A. R. 21871	9650.8	5.29	510.1	146.0
	Fair Weather Chaumont 155120 A. R. 19155	9691.0	5.23	507.0	145.1
CLASS CCC Four to Four and One-Half Years** Minimum Requirement 323.5 lbs Butter Fat. Duration of record, 305 days. Milked twice daily. Must carry calf for 205 days.	Imp. Jessica of St. George's 207130 A. R. 20594	11764.6	5.59	657.1	197.6
	Coker Golden Carnation 135458 A. R. 17418	12387.3	5.09	630.7	188.0
	Imp. Fleurie of the Glen 175151 A. R. 18977	11377.1	5.40	614.5	180.9
	*Grassland Letty 169680 A. R. 19941	13611.8	4.44	605.0	181.4
	Julian's Rippling Ruby 179040 A. R. 23430	14078.9	4.21	592.4	175.1
	Edytha of Munroholm 144838 A. R. 18491	10867.3	5.43	590.4	181.0
	Proud Don's Rose Bud 140549 A. R. 17377	10209.8	5.52	563.9	171.3
	Imp. Dairymaid des Cambrees 192403 A. R. 19324	12336.1	4.56	563.1	165.8
	Birchwood's Barbara 129844 A. R. 19282	9861.4	5.56	548.6	168.5
	Sharon Bell 76326 A. R. 8166	9171.9	5.90	541.4	165.5
CLASS DDD Three and One-Half to Four Years**. Minimum Requirement 305.3 lbs. Butter Fat. Duration of record, 305 days. Milked twice daily. Must carry calf for 205 days.	Imp. Hilltop's Favorite 182230 A. R. 20683	11397.2	5.24	597.0	187.6
	Oregon Pet 112652 A. R. 15754	10287.5	5.65	580.8	180.4
	Fair Weather Compiegne 147382 A. R. 20574	10483.1	5.49	575.2	178.2
	Inspiration California Girl of Adohr 156379 A. R. 21922	11327.9	5.06	573.1	181.4
	Gayhead's Pansy 148666 A. R. 18578	10578.3	5.31	562.0	182.9
	Grapelawn Golden Willow 161857 A. R. 16731	9943.4	5.41	538.4	173.1
	Rose Mary of Twin Brook 155176 A. R. 21646	9475.5	5.68	537.8	166.7
	Prudy of Glennfield Springs 167094 A. R. 22234	9812.7	5.30	520.0	166.2
	Arvon's Ivy 137046 A. R. 17700	10064.9	5.16	518.9	163.8
	Arvon's Alice 137048 A. R. 19589	9545.6	5.38	513.2	161.4
CLASS EEE Three to Three and One-Hal Years**. Minimum Requirement 287.0 lbs. Butter Fat. Duration of record, 305 days. Milked twice daily. Must carry calf for 205 days.	Corwin Hill Daisy 165004 A. R. 20967	13691.8	4.62	632.9	215.7
	Tuscarora Ledyard Blossom's Esther 167601 A. R. 18134	10758.4	5.41	581.5	198.2
	Bosworthfield Imogen 177204 A. R. 21388	11445.5	5.01	573.1	194.5
	Escalon Rosebud 214011 A. R. 20334	10457.9	5.46	570.5	193.3
	Escalon Barbara 167320 A. R. 19563	9301.3	5.97	555.5	192.1
	Merry Bell of Hill Girt Farm 176087 A. R. 21017	9488.5	5.82	552.4	181.9
	Woodlawn's Eva's Goldie 177645 A. R. 21718	10062.7	5.30	533.4	175.8
	Criterion's Polly of Farview 147875 A. R. 19322	9227.5	5.76	531.7	183.0
	Waldorf's Periwinkle 130346 A. R. 16300	8491.1	6.24	530.0	177.3
	Vanity's Lucile of Mount Fair 151129 A. R. 19319	9576.1	5.43	520.1	171.9
CLASS FFF Two and One-Half to Three Years**. Minimum Requirement 268.8 lbs. Butter Fat. Duration of record, 305 days. Milked twice daily. Must carry calf for 205 days.	Allouez Grace Frances 149371 A. R. 19621	9773.3	5.55	542.8	193.3
	Oregon Pet 112652 A. R. 15754	8849.0	5.85	517.3	181.9
	Wilna Glenwood 198143 A. R 19429	7909.9	6.28	496.8	176.5
	Daylo Star-tide 193694 A. R. 23302	8475.3	5.68	481.2	168.3
	Wenonah of Warrenham 239744 A. R. 23323	10747.2	4.27	459.2	161.2
	Pine Ridge Jill 192585 A. R. 22457	8728.4	5.22	456.0	166.0
	Vranta's Queen of Blue Ridge 142211 A. R. 17906	8270.4	5.49	454.2	165.9
	Helendale Flora 181673 A. R. 22178	7304.3	6.21	453.4	159.0
	Bosworthfield Hildegarde 175632 A. R. 21223	9025.1	5.02	453.3	166.4
	Milkmaid of Old Town Farm 213211 A. R. 20573	8291.0	5.42	449.2	161.8
CLASS GGG Under Two and One-Half Years**. Minimum Requirement 250.5 lbs. Butter Fat. Duration of record, 305 days. Milked twice daily. Must carry calf for 205 days.	May's Emma 159093 A. R. 18972	8850.0	5.87	519.2	197.0
	Waldorf's Nancy 156967 A. R. 18808	9572.3	5.40	516.5	196.8
	Darley's Golden Buttercup 173394 A. R. 20864	9615.6	5.29	509.1	192.2
	Barbara of Sunkist Acres 196533 A. R. 22616	9392.1	5.33	500.2	195.8
	Stonehouse Sunshine 170891 A. R. 20335	10281.0	4.84	497.8	190.0
	Escalon Rosebud 214011 A. R. 20334	9070.5	5.14	466.3	180.5
	Fair View Laura 182980 A. R. 20853	9364.9	4.95	463.6	182.8
	Rambleton Hope 212980 A. R. 22957	8996.0	5.14	462.8	180.8
	Daisy Janet of Spring Hill 199312 A. R. 19605	9512.2	4.84	460.0	182.5
	Maydean's Chocolate of Savery Farm 216620 A. R. 20572	9493.7	4.82	457.6	172.4

Average Yield of 70 Class Leaders: 14086.4 lbs. Milk; 551.8 lbs. Butter Fat; 5.26 per cent.

The above are as they appeared July 1, 1929

SUMMARY OF 1319 TRIPLE LETTER RECORDS

	Records	Lbs. Milk	Lbs. B. F.	Per Cent.
Class AAA	347	9170.7	452.4	4.93
Class BBB	89	8719.7	438.2	5.03
Class CCC	119	8450.5	433.0	5.12
Class DDD	110	8165.3	412.7	5.05
Class EEE	152	7843.7	399.9	5.10
Class FFF	150	7207.8	371.2	5.15
Class GGG	352	6895.1	349.8	5.07
	1319	8008.0	403.7	5.04

Milk Production	Butter Fat Production
Best Triple Letter Record 14135.8 lbs.	Best Triple Letter Record 694.0 lbs.
Av. Ten Largest Records 13535.9 lbs.	Av. Ten Largest Records 658.0 lbs.

HONORABLE MENTION

Largest Triple Letter Record for which Certificate has been written since last issue of JOURNAL: Grassland Letty 169690, Re-entry: 13611.8 lbs. milk, 605.0 lbs. butter fat in Class CCC.

*First appearance in this list. **Requirement: For each day over the minimum age add 0.1 lb. butter fat to the minimum requirement.

WHAT THE COWS ARE DOING

Their Latest Credits in the Advanced Register

***SPECIAL NOTE:** This list contains the monthly and total credits as checked at the time of going to press. Any omissions or back credits given signify that either data had not been received in time or are held pending verification. These credits are subject to verification and correction until final approval and acceptance and all are made on the one-day basis. Re-entry test is indicated by a* before the cows name. Farmers' Class record is indicated by a †*

Name and Number	Class	Days	Month	Month Credit Lbs. Milk	Month Credit % B. Fat	Month Credit Lbs. B. Fat	Total Credit Lbs. Milk	Total Credit Lbs. B. Fat
Agnew, J. S., Inverness Farm, Burkeville, Va.								
Damsel of Inverness 203070	G	311	Feb	570.1	5.29	30.16		
		342	Mar	555.2	4.78	26.54		
		365	Apr	85.6	4.78	4.09		
				516.5	3.47	17.92	9075.3	398.8
Dawn of Inverness 204477	F	352	Apr	128.3	5.12	6.57	8621.6	439.3
Ella of Inverness 216745	G	224	Feb	528.4	5.89	31.12		
		255	Mar	619.9	5.31	32.92	5678.3	287.25
Eloise of Inverness 203073	F	204	Feb	778.7	5.28	41.12		
		235	Mar	846.2	4.85	41.04		
		265	Apr	765.6	4.97	38.05	8180.2	371.15
Ethel of Inverness 203072	F	264	Mar	786.7	4.60	36.19		
		294	Apr	749.7	4.90	36.74	8108.3	362.92
Fairy of Inverness 229253	G	31	Mar	1046.7	3.66	38.31		
		61	Apr	940.5	4.00	37.62	1987.2	75.93
s. Foremost Brutus 100246	d. Cavalier's Oakhurst Daisy 157443 A. R. 19467							
Lucerne's Eileen 189992	F	365	Apr	519.9	4.70	24.44	11693.9	544.5
Allwardt, Martin T., Hiawatha Farm, Gibsonburg, Ohio.								
†Hiawatha Belle 207794	G	305	Apr	542.2	4.90	26.57	8431.7	383.8
Hiawatha Gallant Hope 228015	G	157	May	862.8	5.51	47.54	4420.1	229.02
Hiawatha Gallant Winsome 274836	G	17	Mar	512.7	5.51	28.25		
		47	Apr	1154.6	5.51	63.62		
		78	May	1155.4	4.46	51.53	2822.7	143.40
s. King's Gallant of Four Pine 93697 A. R.	d. Hiawatha Gouvernante 79484 A. R. 12694							
*Hiawatha Governess 185383	C	5	Mar	167.3	4.92	8.23		
		35	Apr	1407.6	4.92	69.25		
		66	May	1605.7	4.63	74.34	3180.6	151.82
s. Four Pine Hiawatha 70909 A. R.	d. Hiawatha Gouvernante 79484 A. R. 12694							
Andrus, H. F., Bournedale Farms, Millerton, N. Y.								
†Ariel's May Rose Laurel 167835	B	175	Apr	835.9	5.24	43.80	5494.7	284.75
Atamannsit Princess La Noce 193746	G	365	Apr	503.7	61.8	31.13	11906.7	561.2
†Bournedale Violet 237666	G	12	Mar	427.2	3.65	15.59		
		42	Apr	1265.7	3.64	46.07	1692.9	61.66
s. Langwater Collection 102130	d. Ultra Violet of Oakhurst 76051 A. R. 8123							
Collection's Charlotte 213666	F	68	Apr	1031.8	3.77	38.90	2314.2	86.74
Collection's Rose Bud 213665	F	135	Apr	650.2	4.40	28.61	3524.4	157.30
Collection's Violet 219164	G	135	Apr	942.0	4.57	43.05	4234.1	191.21
†High Point Delight 212898	F	74	Apr	804.7	5.15	41.44	2057.0	103.55
High Point Gem 215565	G	219	Mar	876.9	5.33	46.74		
		249	Apr	866.1	5.10	44.17	6390.3	319.95
Illustrator's Florence 217652	G	155	Apr	946.3	4.60	43.53	4945.3	241.35
Illustrator's Lady Mar 189029	B	27	Mar	1302.0	4.00	52.08		
		57	Apr	1467.9	4.23	62.09	2769.9	114.17
s. Lone Pine Illustrator 59189	d. Mamie's Lady Mar 70181							
Saugerties Violet 167946	B	252	Apr	1095.2	5.81	63.63	10364.8	535.75
†Imp. Ultra II. des Simons 140247	A	78	Apr	1229.6	4.35	53.49	3242.2	143.34
†Ultra King's Rosie of Oakhurst 156448	A	84	Apr	991.5	4.55	45.11	2908.0	122.73
Andrus, J. E., Jr., Island Farm, Island, Minn.								
Beda's Milvia of Island Farm 2d 138884	A	251	May	1204.1	4.35	52.38	11438.1	546.68
Beldame's Beda of Island Farm 92745	A	169	May	877.7	4.62	40.55	5871.2	258.67
Lady Holliston 217383	G	175	May	1044.3	4.52	47.20	5838.1	276.89
La Noce's Maxime 185708	C	95	May	1119.5	4.23	47.35	3736.7	165.05
Maxim's Bella 208885	E	95	May	1156.5	4.72	54.59	3715.3	178.93
Andrus, J. E., Jr., Tianna Farms, Walker, Minn.								
Fisherman's Red Rose 216570	F	7	Apr	204.8	4.97	10.18		
		38	May	1119.7	4.97	55.65	1324.5	65.83
s. Fisherman's Star 50401 A. R.	d. Norman's Missaukee Red Rose 89724 A. R. 10844							
†Grace's Lucy of City View 152792	A	1	Apr	33.4	4.42	1.48		
		32	May	1190.7	4.42	52.63	1224.1	54.11
s. Flora's Golden Dexter of City View 65720 A. R.	d. Miriam's Grace of City View 69086 A. R. 9821							
Illustrator's Aurora 219163	G	135	Apr	668.1	5.10	34.07	3663.3	166.71
Maxim's Josephine 221213	G	190	May	1050.1	5.39	56.60	7153.0	375.33
Maxim's Pretor's Rosabell 115484	A	365	May	743.4	5.07	37.69	13901.1	717.4
Imp. May of the Issues 115907	A	365	May	342.4	5.80	19.86	15639.1	836.5
Meadowood Cherub's Bella 172492	C	148	May	1105.2	5.00	55.26	5680.9	271.81

Bacon, George W. Thatch Meadow Farm, St. James, N. Y.

†Clover Blossom of Thatch Meadow 97597	A	78	Apr	725.5	4.44	32.21	1833.2	86.91
†Langwater Dahlia 153554	A	89	Apr	934.0	4.11	38.39	3021.5	135.93
†Imp. Maybelle of the Glen 188447	B	88	Apr	1042.9	3.85	40.15	3439.1	140.01

Bacon, Robert, Mrs., "Oldacres," Westbury, N. Y.

Aiyukpa Secret Pride 215569	G	186	May	811.5	5.28	42.85	5580.7	272.75

Badgley Brothers, Sulphur Spring Farm, Coxsackie, N. Y.

†Dorcas of Maplewood Farm 2d 160617	A	86	May	951.6	4.25	40.44	3103.7	135.67
†Fair Weather Patricia 197938	D	30	Apr	1268.3	5.02	63.67		
		61	May	1202.0	4.71	56.61	2470.3	120.28
s. Chilmark's Double King 76848 A. R.		d. Fair Weather Portia 151225						
Gayhead's Jasmine 206422	F	260	May	867.7	6.25	54.23	7823.8	440.28
†Twin Brook Farms May Rose Lulu 190038	E	288	May	874.5	5.50	48.10	8952.5	466.05

Baer, John P., Pot Spring Farm, Timonium, Md.

†Helen of Pot Spring 148075	A	92	May	1028.7	4.49	46.19	3389.4	150.90
†Nanette's Belle 93201	A	111	May	1138.8	5.34	60.81	4318.1	223.09
†Ray of Pot Spring 207684	F	305	May	125.4	5.66	7.10	7496.7	393.5

Baker, Edwin A., Baker Farm, Rockingham, N. H.

*Orchard View Blossom 148670	A	23	Apr	895.1	3.40	30.43		
s. Upland's Monitor 68163		d. Quintessence 41552						

Barron, C. W., Est., The Oaks Farm, Cohasset, Mass.

Blanchette's Marie 175323	C	89	Apr	1068.9	4.91	52.48	3156.6	156.54
Chieftain's Cottina 175318	C	16	Mar	639.6	3.88	24.82		
		46	Apr	1182.9	4.39	51.93	1822.5	76.75
s. Cramond Chieftain 60857 A. R.		d. Spotswood's Cottina of Oaks Farm 106530						
Leader's Beauty of Oaks Farm 140806	A	61	Apr	1709.8	4.99	85.32	3438.1	185.42
Leader's Dusky of Oaks Farm 145613	A	181	Apr	1040.5	5.01	52.13	7192.0	343.77
Leader's Queen of Oaks Farm 156929	B	273	Apr	1003.9	4.95	49.69	11091.1	536.06
Imp. Lily III. of La Villette 187314	A	20	Apr	850.1	3.72	31.62		
s. Rose's Delight of Clos Bourel R. G. A. S. 4231 P. S.		d. Lily des Forfaitures II. R. G. A. S. 14800 P. S.						
Imp. Moss Rose VII. of Bourg View 233600	A	128	Apr	1018.6	4.60	46.86	4939.3	227.02
Imp. Nesta of Rose Farm 253822	A	284	Apr	1119.8	5.41	60.58	11012.6	629.22
Oaks Farm Alice 188035	D	29	Apr	1059.5	4.40	46.62		
s. Imp. Blanchette's Honour of Oaks Farm 58264		d. Leader's Myrta of Oaks Farm 127947						
Oaks Farm Babe 207294	G	273	Apr	616.6	5.36	33.05	7222.8	378.27
Oaks Farm Beda 207300	F	142	Apr	810.2	4.86	39.38	3968.0	200.12
Oaks Farm Begonia 218630	G	57	Apr	1156.9	4.57	52.87	2220.1	93.80
Oaks Farm Belladia 218620	G	119	Apr	852.6	4.70	40.07	3696.7	185.80
Oaks Farm Betty 218627	G	52	Apr	1129.8	4.79	54.12	1931.1	88.66
Oaks Farm Blossom 218621	G	63	Apr	1168.8	5.21	60.89	2596.1	124.10
Oaks Farm Briar 218631	G	21	Apr	808.7	3.91	31.62		
s. Imp. Majesty of the Isle 103774 A. R.		d. Raider's Laura of Oaks Farm 150263						
Oaks Farm Brightness 218629	G	18	Apr	662.3	3.93	26.03		
s. Cherub of the Prairie 91158 A. R.		d. Imp. Fanny's Pride of Mol Kiah 123940 A. R. 18615						
Imp. Rosemary of Sausmarez Manor 188449	D	286	Apr	677.0	6.86	46.44	7627.6	482.21
Imp. Sweet Briar V. of St. Martin's 188422	A	124	Apr	1155.4	4.81	55.57	5488.8	276.15
Imp. Whitey of Clovelly 188428	A	212	Apr	883.9	5.48	48.44	6254.1	350.84

Beeson, W. A. & Sons, Walkertown, N. C.

†Etheline of Upland Farm 201005	E	173	May	761.7	5.69	43.34	4825.3	255.42

Benson, R. L., Coventry Farm, Princeton, N. J.

Coventry Valentine Bright 210989	G	277	May	669.7	4.77	31.94	7379.3	348.25
Coventry Valentine Ruby 207322	G	194	May	1074.0	3.78	40.60	7777.3	303.55
Coventry Valentine Vampire 196610	G	365	May	385.8	5.00	19.29	11483.4	508.2
Imp. Flora of Camp du Roi 226884	F	190	May	1226.1	4.49	55.05	8134.1	360.55
Imp. Golden Ester of the Glen 175133	A	277	May	1022.2	4.85	49.58	10992.8	517.95
Imp. Valentine of Passee Villa VI. 214458	D	12	Apr	459.5	3.71	17.05		
		43	May	1415.8	3.71	52.53	1875.3	69.58
s. Imp. Valentine's Souvenir 126458 A. R.		d. Valentine of Passee Villa R. G. A. S. 17235 P. S.						

Bingham, J. C., Mechanic, N. C.

†Rosebud of Rowan 209199	E	63	Apr	655.7	5.32	34.88	1415.1	75.13

Black, F. B., Raemelton Farm, Mansfield, Ohio.

Edgewood Bonnie Bess 167613	B	223	May	1256.1	4.11	51.63	9983.1	445.18
Lucile of Morrow 211500	B	297	May	1061.5	5.10	54.14	11008.7	587.91
Raemelton's Dodo 146828	A	187	May	1195.5	4.24	50.69	7624.9	326.47
Raemelton's Druscilla 182477	C	30	Apr	1253.9	4.84	60.69		
		61	May	1384.8	5.29	73.26	2638.7	133.95
s. Florham Squire 33996 A. R.		d. Raemelton's Bopeep 142784						
Raemelton's Ruby 203913	G	267	May	729.3	5.40	39.38	7005.5	534.81
Ruth Ellen of Morrow 225154	B	112	May	1190.1	4.56	54.27	4325.1	199.53

Blahnik, George F., Carnival Guernsey Farm, Algoma, Wis.

Jonquil of Carnival 173991	C	212	Apr	1008.3	5.10	51.42		
		243	May	984.4	4.75	46.76	9422.0	461.47
Masher's Ellen's Lassie of Carnival 245458	F	224	Apr	740.5	5.10	37.77	6036.5	303.68

Blount Lumber Co., The, Crownhurst Farm, Lacona, N. Y.

Champion's Trixie 166889	A	30	Apr	1302.6	3.95	51.45		
		61	May	1269.6	4.18	53.07	2572.2	104.52
s. Wedgemere Champion 66350		d. Trix of Ira 89853						
Crownhurst Lady 208099	F	293	May	746.3	5.01	37.39	7766.5	368.55

Don's Justice's Fancy 166890	B	245	May	1059.6	4.76	50.44	8953.8	405.87
*Ultra's Red Rose of Sunnyside 178991	B	9	Mar	428.2	4.46	19.10		
		39	Apr	1380.9	4.46	61.59		
		70	May	1309.1	4.98	65.19	3118.2	145.88
s. Ultra's Itchen King 65837 A. R.	d. Bessie's Red Rose of Sunnyside 79266							
Bosworth, Charles W., Home Farm, Lenox, Mass.								
†Bosworthfield Ilex 193404	E	16	Feb	480.8	5.64	27.12		
		47	Mar	1044.8	4.60	48.06		
		77	Apr	900.4	4.57	41.15	2426.0	116.33
s. Bosworthfield Geoffrey 104452 A. R.	d. Bosworthfield Ethel 127419 A. R. 20559							
†Bosworthfield Jessica 216540	G	47	Apr	797.3	4.39	35.00	1209.5	53.10
†Bosworthfield Jill 208705	F	88	Apr	629.7	4.35	27.39	19998.1	96.95
Broadstone Farms, Inc., Wallpack, N. J.								
†Woodstock's Wanda of Marivale 222456	G	77	Apr	614.3	5.28	32.44	1777.1	86.77
California, University of, Davis, Calif.								
Austerlitz Bell of Three Oaks 224152	G	173	May	774.8	5.88	45.56	4718.1	272.09
Dawn's Red Girl of Midway 224916	G	155	May	1162.8	5.14	59.77	6087.0	312.42
Cassatt, E. B. Est., Chesterbrook Farm, Berwyn, Pa.								
Kelso's Gentle Julia 221879	G	74	May	931.6	4.48	41.74	2146.4	101.03
Kelso's Georgie Gordon 213424	G	275	May	670.0	4.68	31.36	6635.0	308.45
Kelso's Rose 195094	F	283	May	654.5	5.02	32.85	6677.1	332.90
Kelso's Rose Marie 195095	F	307	May	562.8	5.69	32.02	6579.0	352.14
Royal's Hope of Pomeroy 183643	C	140	May	1019.0	4.91	50.03	5334.6	254.17
Cassel, I. A., Maple Lawn Farm, Harleysville, Pa.								
Lakeholme Lassie 182300	D	196	May	925.5	4.72	43.68	5986.7	260.56
Prince's Yule-tide of Maple Lawn 219554	G	79	May	948.9	4.35	41.28	2335.3	103.66
Caumsett Corporation, The, Huntington, N. Y.								
*Aralia's Yeksa Girl 120548	A	22	Apr	1086.2	5.21	56.59		
		53	May	1803.5	5.20	93.78	2889.7	150.37
s. Yeksa's Tops of Gold's Boy 35280 A. R.	d. Imp. Esperance Arlaia 46419 A. R. 3985							
Brooklandwood Lady Love 124574	A	240	May	483.8	6.03	29.17	7894.7	428.06
Caumsett Delight 197857	E	140	May	796.0	5.39	42.90	4380.3	231.20
Caumsett Honeydew 188630	E	260	May	875.7	5.75	50.35	8135.9	441.18
Caumsett Lady 203382	G	348	May	999.4	5.16	51.57	11821.8	548.56
Dart's Lucinda 164538	A	365	May	174.3	5.60	9.76	11128.3	591.9
Foremost's Beautiful Bonnibelle 146803	A	88	May	1364.0	4.93	67.25	3782.8	189.01
Gay Lass of Gordondale 119484	A	133	May	1363.2	5.24	71.43	5844.1	315.90
*Mixter Royal Opal 166711	A	12	Apr	477.4	4.54	21.67		
		43	May	1555.8	4.82	74.99	2033.2	96.66
s. Mixter May Royal 65203 A. R.	d. Mixter May Opal 124191 A. R. 16287							
Chatham, Thurmond, Klondike Farm, Elkin, N. C.								
*Beatrice S. of Edgewood 69067	A	9	Feb	394.6	4.40	17.36		
		40	Mar	1619.9	4.40	71.28		
		70	Apr	1527.4	4.49	68.58	3541.9	157.22
s. Flora's Prince of Lewiston 16975	d. North's Beatrice 2d 31079							
Bishopville Countess Closel 197391	D	204	Apr	833.5	5.03	41.93	6705.7	335.47
†Coventry Clara Myrtle 226069	G	16	Apr	467.3	4.36	20.37		
s. Imp. Myrtle's Honour of Coventry 99373	d. Clara White 91403 A. R. 13456							
Imp. Dairymaid II. of Les Nicolles 105559	A	151	Apr	927.2	5.15	47.75	4895.6	254.43
Grape Lawn's Fairy Lady 200115	D	59	Apr	1528.0	5.41	82.66	2669.7	147.62
Klondike Agnes 219898	G	117	Apr	789.9	4.73	37.36	3094.6	149.26
†Mary, Hall's Beauty 225935	G	51	Apr	798.8	4.81	38.42	1370.3	63.45
Rowan's Neda of Western Slope Ranch 103803	A	321	Apr	1012.1	5.03	50.91	13152.3	615.25
Ultra Blue Bella 251353	B	166	Apr	935.1	5.47	51.15	5277.2	276.81
Claffey, Dan & Son, "Arcadian Guernseys," Waukesha, Wis.								
†Arcadian Amber 165522	B	203	Apr	506.9	5.49	27.83	5053.5	267.26
†Arcadian Buttercup 254188	E	214	Apr	546.2	5.81	31.73	4760.8	240.70
Arcadian Camilla 264975	G	194	Apr	515.9	6.05	31.21	3586.1	208.34
†Dairymaid's Daisy Queen 146016	A	201	Apr	799.7	5.49	43.90	6314.8	321.05
†Dairymaid's Ellen 107143	A	170	Apr	548.1	5.44	29.82	4825.9	244.13
†Dairymaid's Princess Ellen 125609	A	118	Apr	1117.9	4.54	50.75	4995.4	214.98
†Dairymaid's Trixie 138355	A	4	Mar	136.0	5.80	7.89		
		34	Apr	1057.2	5.80	61.32	1193.2	69.21
s. Dairymaid's Prince of Fox Valley 49169	d. Allie of Evergreen Valley Guernsey Farm 48345							
†Laura's Memory 121192	A	49	Mar	1358.0	4.87	66.13		
		79	Apr	1158.7	4.89	56.66	3286.0	160.02
Phoebe's Dairymaid 107141	A	211	Apr	569.4	5.34	30.41	4986.2	267.28
Clemson Agricultural College, Clemson College, S. C.								
Marmion's Anita 214311	G	269	May	592.9	5.71	33.85	5649.4	303.88
Marmion's Golden Gloria 214312	G	201	May	662.1	5.56	36.81	4922.9	241.37
Mimosa Edna 233938	G	190	May	680.4	5.57	37.90	4863.4	243.55
Mimosa Valentine 2d 233937	G	273	May	853.2	5.63	48.04	7721.5	413.16
Princess Annabelle 191523	D	130	May	952.4	5.16	49.14	4546.0	211.70
Cline, Edgar J., Ridgehurst Farm, Broadway, Va.								
Daisy of Ridgehurst 213885	D	249	Apr	653.6	4.69	30.65	6687.6	291.46
Codington, A. I., "River Edge," Millington, N. J.								
†Imp. Blanchette of Paysans 248938	D	49	May	907.4	5.28	47.91	1428.0	77.12
Codington, W. R., "River Edge," Millington, N. J.								
Beauty's Primrose of Meadow Brook Farm 113077	A	49	May	885.9	4.40	38.98	1420.0	62.85

Chenwold's Gertrude 244270	E	52	May	1063.6	3.61	38.40	1776.9	63.65
Colgate, Henry A., Holly Hill Farm, Green Village, N. J.								
†Ann Mary of Holly Hill 194711	E	98	May	1109.1	5.23	58.01	3650.3	177.24
†Glen Gable Thesis 173752	A	205	May	739.2	4.92	36.37	6378.6	293.22
†Linda's Flora of Beallmont 161121	A	140	Apr	900.5	4.60	41.42		
		171	May	851.1	5.42	46.13	6058.4	298.80
†Sally's Equal of Beallmont 178704	C	179	May	900.9	4.88	43.96	6406.0	260.44
Cologna, Peter & Sons, Fairview Dairy Farms, Marshfield, Mo.								
Cecil's Pet of Fairview 154879	A	337	Apr	556.0	4.65	25.85	9182.4	404.63
Cecil's Rose of Fairview 139078	A	334	Apr	497.2	4.79	23.82	8797.0	398.40
Imp. Dairy Maid III. of the Belles 94278	A	343	Apr	492.6	4.75	23.40	9828.1	433.45
Emogene's Favorite of Fairview 197841	D	31	Mar	798.8	4.40	35.15		
		61	Apr	821.6	4.45	36.56	1620.4	71.71
s. Baron of Koshkonong Place 82934		d. Emogene of Egypt Mills 172645						
*Frances Marie of Oakwood 147084	A	23	Mar	912.8	4.76	43.45		
		53	Apr	1316.0	4.64	61.06	2228.8	104.51
s. Caribou Chick 43506		d. Marguerite's Pet of Oakwood 69097						
Peggy's Lass of Egypt Mills 151213	A	166	Apr	693.5	4.69	32.53	4673.1	230.03
Cowen, J. Harold, Cold Spring Dairy Farm, Fort Scott, Kans.								
Clover Blossom's Winne's Lady 118333	A	96	May	1683.5	3.81	64.14	5318.1	209.68
Lassie's Queen of Cold Spring 229755	G	134	May	1030.7	4.34	44.73	4266.6	196.75
Winne's Dolly of Cold Spring 214876	F	82	May	1143.8	4.17	47.70	3276.5	143.26
Cox, Abraham B., Glensfoot Farm, Cherry Valley, N. Y.								
Glensfoot Dorothy 171195	B	19	Mar	663.4	4.68	31.05		
		49	Apr	1098.9	4.68	51.43	1762.3	82.48
s. Broad Acres Reliance 83728		d. Lamont's Dorothy 99657 A. R. 18502						
Glensfoot Luella 202319	E	11	Mar	468.9	3.53	16.55		
		41	Apr	1361.5	3.53	48.06	1830.4	64.61
s. Silkie's Admiral 96372		d. Broad Acres Luella 77607 A. R. 8736						
Cullum, J. Barlow, Riveredge Farms, Reading, Pa.								
†Glenwood's Miss Brilliant of Riveredge 194263	E	118	May	899.8	4.73	42.56	3819.8	171.05
*†Glenwood's Snowflake of Riveredge 158592	A	10	Feb	375.0	5.05	18.94		
		41	Mar	1416.4	5.05	71.53		
		71	Apr	1204.5	4.70	56.61		
		102	May	1108.9	5.60	62.10	4104.8	209.18
s. Good Cheer's Glenwood 70322		d. Glenwood's Sweetness of Haddon 2d 85585 A. R. 18833						
†Glenwood's Sweetness of Riveredge 2d 183524	D	209	May	758.5	4.41	33.45	6006.0	265.39
Culver, L. G., Fairview Farm, Salisbury, Md.								
†Fannie of Middlebrook 227512	E	126	May	937.6	4.65	43.60	4092.5	186.69
*†Lucinda of Breidablik 209768	E	30	Apr	1094.5	4.20	45.97		
		61	May	1201.4	4.27	51.30	2295.9	97.27
s. Langwater Poilu 52117 A. R.		d. Ridgeway's Lucinda 124786						
Oakdale's Chimes 226996	G	189	May	709.4	4.72	33.48	4494.6	213.63
†Rosemead's Rose of Spring Hill 2d 216463	G	277	May	725.7	5.08	36.87	7071.5	355.44
Davenport, Charles M., Ladderlook Farm, Leyden, Mass.								
Langwater Jacquelin 177731	D	261	May	924.7	5.94	54.93	8368.2	474.13
Laudholm Lady Pat 174486	B	282	May	928.0	5.15	47.79	10037.4	509.58
Springside Deborah 165196	A	61	May	1394.7	4.20	58.58	2695.0	117.61
Springside Hope 192934	E	319	May	962.2	5.90	56.77	10165.8	568.22
Springside Virginia 187851	E	353	May	362.4	6.72	24.35	7977.0	437.16
Davis, Lloyd G., The Terrace Farm, Linwood, N. C.								
†Cherry's Opal of Oakwood 180160	C	89	Apr	769.4	5.35	41.16		
		120	May	832.8	5.28	43.97	3329.5	170.36
Lahkoolsh Replica Glow 219186	G	205	Apr	691.2	5.53	38.22		
		236	May	703.9	5.62	39.56	5567.9	288.40
Queen Bess of Twin Brook 206616	G	233	Apr	704.3	4.57	32.19		
		264	May	687.1	4.83	33.19	6343.0	275.33
Dillon, Clarence, Dunwalke Farm, Bedminster, N. J.								
Dunwalke Brilliant's Glow 202286	F	195	Apr	1197.1	4.73	56.62		
		226	May	1321.9	4.58	60.54	9383.6	430.31
Dunwalke Myrtle's Primrose 208275	G	204	May	1038.3	5.01	52.02	7592.9	367.78
Imp. Echo's Bonny 211102	G	146	May	1039.2	4.27	44.37	4978.0	202.55
Imp. Gay of Friquet de Haut 190671	D	346	May	389.5	5.42	21.11	9648.2	482.76
Imp. Happy Valentine 175182	D	308	May	735.2	5.30	38.97	9519.3	493.91
*Imp. La Bonne of Cornus Farm 209574	B	7	Apr	262.6	5.31	13.94		
		38	May	1520.6	5.31	80.74	1783.2	94.68
s. Valentine of Vimiera R. G. A. S. 4314 P. S. A .R.		d. Imp. Bonny of Cobo View 209566						
Imp. Lady Prevail of Les Pelleys 209575	D	323	May	741.1	5.46	40.46	10018.4	531.70
Imp. Lodestar's Queen 212372	G	146	May	1016.4	4.97	50.52	5098.4	245.90
†Imp. Valentine's Princess of Passee Villa II. 190664	A	252	May	825.1	4.11	33.91	8474.8	329.56
Imp. Verbena V. of Myrtle Place 209571	B	304	May	1030.7	4.09	42.16	12365.4	520.94
Douglas, Elizabeth, Spring Farm, Tilly Foster, N. Y.								
Mayboy's Buttercup 89570	A	319	May	751.5	5.03	37.80	9311.3	435.94
†Stadacona Belle 196792	E	125	May	850.4	4.36	37.08	3770.3	162.96
†Stadacona Nora 201023	E	30	Apr	1115.3	5.17	57.66		
		61	May	1075.3	5.67	60.97	2190.6	118.63
s. Governor II. of the Ruettes's Prince 76476		d. Imp. Noble of the Manoir 77210 A. R. 12591						
†Stadacona Poppy 205241	G	229	May	676.5	6.04	40.86	5032.8	273.23
†Imp. Winnie du Jardin 201443	C	305	Apr	51.3	6.17	3.17	7514.9	349.4

Dunham, O. O., Grand Mere Farm, Baroda, Mich.								
*Lily's Surprise of Breezy Bank 133430	A	3	Mar	118.4	4.82	5.71		
		33	Apr	1475.1	4.82	71.10	1593.5	76.81
s. May King of Breezy Bank 54692	d. King's Lily of Breezy Bank 80810							
Ultra Prima Donna of Valley Farm 145758	A	11	Mar	422.3	3.96	16.72		
		41	Apr	1287.2	3.96	50.97	1709.5	67.69
s. Beauty's Ultra King of Suburban Farm 65869	d. Miss Spaulding of Valley Farm 114891 A. R. 15535							
du Pont, Pierre S., Longwood Farms, Kennett Square, Pa.								
Longwood Bella 154545	A	223	May	795.8	4.39	34.94	6491.9	271.83
Longwood Gloria 182960	D	126	May	1038.2	4.94	51.29	4642.0	218.87
Pride of Longwood 171752	C	235	May	555.1	5.11	28.37	5036.5	236.33
Publican's Amelia 218325	G	144	May	706.7	5.19	36.68	3745.2	180.11
Publican's Arbutus of Longwood 218327	G	77	Apr	988.6	3.48	34.40		
		108	May	954.4	3.52	33.59	3589.1	146.02
Renowned Dairy Maid 158820	B	300	May	426.8	6.34	27.06	7227.1	371.84
Elwood, E. Ellis, Cherry Valley N. Y.								
Elwood Homestead Buttercup 220216	G	19	Mar	594.7	3.97	23.61		
		49	Apr	974.0	3.97	38.67	1568.7	62.28
s. Fairydale May King 89049	d. Anna's Buttercup 116904							
Emery, Mary M., Est., Resthaven Farm, Mariemont, Ohio.								
Imp. Bessie V. of Les Mielles 175175	D	144	Aug	1124.8	3.86	43.42		
		174	Sept	951.1	4.23	40.23		
		205	Oct	852.0	4.97	42.34		
		235	Nov	805.5	4.68	37.70		
		266	Dec	721.8	4.40	31.76		
		297	Jan	657.0	5.21	34.23		
		325	Feb	663.5	5.45	36.16		
		356	Mar	762.0	4.98	37.95		
		365	Apr	241.4	4.98	12.02	11767.8	517.9
Imp. Le Page's Betty II. 201456	E	160	May	1173.3	4.17	48.93	6529.0	277.37
Imp. Osceola Golden Lily 162146	C	113	Aug	1280.7	4.62	59.17		
		143	Sept	1097.2	4.39	48.17		
		174	Oct	933.3	5.55	51.80		
		204	Nov	720.0	5.32	38.30		
		235	Dec	670.7	4.92	33.00		
		266	Jan	608.8	5.10	31.05		
		294	Feb	534.3	4.99	26.66		
		325	Mar	594.5	4.96	29.49		
		355	Apr	543.4	5.04	27.39		
		365	May	174.0	4.73	8.23	10769.8	497.4
Imp. Osceola Viola 154907	A	150	May	1331.0	3.71	49.38	6833.5	271.58
Erf, William, Chestnut Ridge Farm, Bellevue, Ohio.								
†Chestnut Ridge Bonnie's Beauty 225711	G	154	May	666.3	4.90	32.65	3580.5	164.91
†Chestnut Ridge Cherub Princess 232264	G	168	May	644.8	5.41	35.97	3799.1	189.39
Chestnut Ridge Iona Jennie 213143	G	307	May	614.7	5.59	34.36	7322.7	354.50
†Chestnut Ridge Lady Princess 182236	C	128	May	1228.5	4.45	54.67	5372.5	233.45
Chestnut Ridge Princess Bessie 206197	G	365	May	368.8	5.55	20.47	7450.8	334.6
†Chestnut Ridge Princess Pricilla 230011	G	164	May	597.8	4.40	32.28	3574.5	178.55
Estes, W. P., Chester, S. C.								
Grace Wilson of Valley Farm 211444	F	191	Apr	538.6	5.27	28.38	3412.3	191.97
Ewing, Charles, Fort Lupton, Colo.								
†Helen of Hillrose 96901	A	170	Apr	635.4	4.52	28.72	5048.2	219.66
Hillrose Gracely 109943	A	181	Apr	533.0	5.48	29.21	3851.8	208.08
†Pioneer Cherry 211484	G	273	Apr	342.3	6.15	21.05	4892.6	251.29
†Pioneer Lady Fair 225484	G	130	Apr	617.9	5.07	31.33	3129.8	139.98
Ewing, W. A., Est., Fort Lupton, Colo.								
†Marguerita's Violet Lee 114015	A	94	Apr	945.4	3.45	32.62	3230.2	138.58
Fahnestock, William, Girdle Ridge Farms, Katonah, N. Y.								
*Dolly Dimple of Girdle Ridge 134686	A	20	Apr	873.0	4.98	43.48		
		51	May	1820.6	4.09	74.46	2693.6	117.94
s. Jolly Pioneer of Beaver Ridge 43465 A. R.	d. Fanny M. of Edgewater 94163 A. R. 10180							
Jolly Lass of Girdle Ridge 213167	F	105	May	1036.4	5.09	52.75	3633.4	184.38
Marion of Girdle Ridge 205153	E	113	May	972.7	5.37	52.23	3833.2	202.78
Masher's Countess of Girdle Ridge 185463	D	99	May	974.2	4.71	45.88	3310.2	161.47
*Nella Jay of Girdle Ridge 154719	A	30	Apr	1524.8	5.17	78.83		
		61	May	1707.8	4.52	77.19	3232.6	156.02
s. Jolly Pioneer of Beaver Ridge 43465 A. R.	d. Fanny M. of Edgewater 94163 A. R. 10180							
*Shop Girl of Edgewater 87184	A	7	Apr	315.2	3.36	10.59		
		38	May	1767.2	3.36	59.38	2082.4	69.97
s. Reuben of Edgewater 31786 A. R.	d. Imp. Little Shop Girl of Figtree II. 66024							
Farmer, Lloyd, Leetonia, Ohio.								
†Gertrude of Mill Run 100747	A	52	May	1060.3	4.50	47.71	1811.3	82.63
Prona's Rose 103856	A	52	May	899.5	4.95	44.53	1528.8	74.11
Few, Arthur S., Sharon Center, Ohio.								
Alresford's Caroline Masher 146360	A	13	Mar	606.5	4.33	26.26		
		43	Apr	1755.7	3.45	60.57		
		74	May	1701.6	3.50	59.56	4063.8	146.39
s. Alresford 39230 A. R.	d. Masher's Caroline of Kath-a-Jule 100530							
Fisher, F. C., Rose Point Farms, Portersville, Pa.								
†King's Beta of Rose Point 209681	E	6	Feb	179.3	4.64	8.32		
		37	Mar	928.2	4.64	43.07	1107.5	51.39

s. Maria's King of Beechwood 90053	d. Beta's Babe of Rose Point 139201 A. R. 19500							
King's Queen of Rose Point 215484	G	178	Apr	610.4	4.39	26.80	3970.9	177.36
Maria Hayes of Rose Point 212648	F	207	Apr	616.5	5.20	32.06	4917.5	234.62
Fisher, Mabel, Rose Point Farms, Portersville, Pa.								
Maria's Christine of Rose Point 221700	G	192	Apr	647.8	4.70	30.45	4335.4	187.51
Fleischmann, J., Winding Creek Farm, Blue Ash, Ohio.								
Eve of Winding Creek Farm 157325	A	120	May	852.2	5.11	43.55	3926.0	191.37
†Fad of Winding Creek Farm 174309	C	120	May	823.4	4.58	37.71	3431.6	156.26
†Fancy of Winding Creek Farm 199381	D	120	May	692.0	4.73	32.73	3557.3	176.06
†Farigold of Winding Creek Farm 218715	G	75	May	746.5	4.06	30.30	1898.0	78.21
Flinn, Ralph E., Beechwood Farms, Sharpsburg, Pa.								
Beechwood Gypsy Queen 198386	D	132	May	747.5	5.21	38.94	3793.1	200.59
Beechwood Mary Jane 216813	G	120	May	991.5	4.92	48.78	4074.6	207.96
Beechwood Princess Antoinette 204937	G	335	May	520.3	6.66	34.65	7749.4	415.73
Beechwood Princess Rockingham 216814	G	20	Mar	590.2	4.76	28.09		
		50	Apr	1023.4	4.76	48.71		
		81	May	1047.8	4.45	46.63	2661.4	123.43
s. Beechwood Phylliston 85394 A. R.	d. Beechwood Girl Rockingham 71566 A. R. 14005							
Beechwood's Cornflower 149019	F	115	May	983.3	4.64	45.63	4016.7	198.15
Fort Dodge Creamery Co., Rosedale Farm, Fort Dodge, Iowa.								
Avondale's Bella 170879	B	106	Mar	1328.8	4.61	61.26		
		136	Apr	1123.2	4.37	49.08	6092.2	275.69
Lady Raritan's Beauty 165173	A	214	Mar	968.3	5.03	48.71		
		244	Apr	919.8	4.37	40.20	9735.7	463.39
Ma Belle Nancy of The Aldrich Farm 188978	C	31	Mar	1504.8	4.74	71.33		
		61	Apr	1404.5	3.67	51.55	2909.3	122.88
s. Itchen May King's Herald Governor 85089	d. May Rose's Ma Belle of Fox Valley 116471							
Phillipina of the Aldrich Farm 179611	B	30	Apr	1690.9	4.20	71.02		
s. Itchen May King's Herald Governor 85089	d. Grenwode Alice 120715							
Pleasant Goldie of Hyerland 155214	A	204	Mar	898.7	3.90	44.04		
		234	Apr	886.8	4.40	39.02	8189.0	366.51
Pleasant Opal of Hyerland 170822	B	69	Mar	1439.3	4.13	59.44		
		99	Apr	1403.5	4.20	58.95	4781.1	199.02
Rosedale Clara 220207	G	30	Apr	1007.0	5.19	52.26		
s. Clara's Masher Sequel 73542	d. Mar's Remembrance 208399							
Fretz, William F., Fritzlyn Farms, Pipersville, Pa.								
Imp. Buttercup II. of Chateau L'Etocq 253790	G	193	Apr	710.0	5.38	38.20	5318.1	269.85
Imp. Buttercup of Melrose 253797	F	256	Apr	317.7	4.85	15.41	7612.8	338.53
Fritzlyn Faith's Gift 221169	G	173	Apr	742.3	5.84	43.35	4515.9	236.40
Fritzlyn Gifted Rose 201653	G	329	Apr	733.0	5.56	40.75	10032.1	511.75
†Fritzlyn Quail's Gift 195405	E	101	Apr	956.5	5.32	50.89	3486.2	172.74
Fritzlyn Trequean Gift 220683	G	170	Apr	861.6	4.68	40.32	5086.5	221.38
Fritzlyn Ultra Gem 201652	G	339	Apr	843.5	5.55	46.81	10674.7	521.48
Imp. Lady Marguerite of The Trigale 253786	E	8	Mar	237.0	6.13	14.53		
s. Freedom of Bel Air R. G. A. S. 295 P. S.	d. Flower of the Mouriaux R. A. A. S. 1859 P. S.							
Gammeltoft, Peter, Fir Ridge Guernsey Farm, Roy, Wash.								
†Electa's Lilly of Fir Ridge 211546	G	279	Apr	548.1	5.16	28.28	6307.1	318.03
*†Ruth's Tena of Fir Ridge 181488	C	6	Mar	251.4	4.40	11.06		
		36	Apr	1484.0	4.40	65.30	1735.4	76.36
s. Coventry Ulysses 85093	d. Delora's Ruth H. 111931 A. R. 16541							
Geran, E. H., Mrs., "Glengeran," Matawan, N. J.								
Imp. Bickleigh Squaw 214362	G	129	May	1329.0	4.83	64.19	6039.8	254.74
Imp. Gem's Pride's Fancy 150705	A	314	May	708.7	5.44	38.55	9558.0	482.54
†Glengeran Belle 215434	F	31	Jan	1065.3	3.89	41.44		
s. Gay Lad of the Prairie 97964	d. The Belle of Upper Freehold 198670							
Imp. Osceola Clara's Slogan 263658	F	79	Apr	1169.3	5.04	58.93		
		110	May	1336.1	4.56	60.93	4115.5	226.68
Imp. Rose's Belle of Passee Villa II. 207100	D	365	May	536.3	5.23	28.05	12821.6	588.2
Glen Springs Corporation, The, Terryberry Farm, Watkins Glen, N. Y.								
†Peg of Terryberry 178477	D	305	May	202.2	5.30	10.72	6261.5	303.2
†Ruby of Terryberry 171827	D	305	May	86.3	4.93	4.25	4824.4	218.3
†Serena of Terryberry 171798	D	304	May	553.9	4.79	26.53	6670.2	302.14
Gregory, G. D., Averill Park, N. Y.								
†Brookdell Cassandra 221644	G	5	Mar	114.0	4.39	5.00		
		35	Apr	883.3	4.39	38.78		
		66	May	869.0	4.59	39.89	1866.3	83.67
s. High Point Count Maxim 97521	d. Brookdell Princess 160260							
†Brookdell Countess 205605	E	20	May	790.8	4.15	32.82		
s. High Point Count Maxim 97521	d. Brookdell Patricia 169237							
†Chilmark Holly Bloom 216717	F	108	May	807.6	4.65	37.55	3021.6	121.49
Guy, R. C., Watershed Farm, Chester, S. C.								
Dot of Bear Creek 162306	B	330	Apr	61.2	6.24	3.82	8575.9	475.25
Mabel of Bear Creek 175790	D	315	Apr	617.4	5.11	31.55	7927.3	411.90
Rosa of Bear Creek 169159	B	283	Apr	609.6	5.47	33.35	7657.8	410.80
Watershed's Betty 221384	G	304	Apr	525.1	6.34	33.29	6219.3	330.24
Hammond, John Henry, Dellwood Farm, Mount Kisco, N. Y.								
Countess' Dairy Maid of Dellwood 224263	G	114	May	1173.2	4.88	57.25	4079.6	194.18
Hank's Buttercup of Dellwood 221188	G	194	May	1030.4	5.08	42.34	6339.9	302.24
Hank's Emmy Lou of Dellwood 231875	G	63	May	1271.2	4.90	62.29	2560.6	117.87
Noble's Olga of Dellwood 134296	A	119	May	1287.7	5.51	70.95	5313.3	266.36

Harbison, E. J., High Point, N. C.								
Duchess of May Burke 123175	A	351	Apr	1076.4	4.04	43.49	8315.1	328.93
Southern May of W. S. R. 136046	A	350	Apr	62.8	5.74	3.60	7463.4	327.50
Harrington, W. E., Otter Lake Farm, Hutchinson, Minn.								
Birchwood's Auburn 106743	A	260	May	1244.2	5.50	68.43	12143.4	579.29
†Cavalier's Auburnette 222441	G	130	May	827.8	4.30	35.60	3764.4	167.25
†Cherub's Alberta of Otter Lake 197427	E	264	May	506.1	6.02	30.47	5946.3	335.26
†Cherub's Auburnette of Otter Lake 178925	C	264	May	689.0	5.46	37.62	7602 7	377.98
†Cherub's Midget of Otter Lake 157322	A	219	May	789.1	5.25	41.43	6451.6	312.23
†Dairymaid's Ruby of Fairy Falls 124157	A	273	May	548.4	6.55	35.92	6486.3	404.98
†Mosrose's Cherub's Auburnette 224372	G	212	May	833.0	5.35	44.57	6241.1	353.81
Park's Lily Ella of Bonnie Brae 126458	A	93	Apr	1915.3	3.93	75.27		
		124	May	1892.4	4.30	81.37	8077.0	310.97
Princess' Pet of Otter Lake 152199	A	273	May	726.5	5.55	40.32	7079.6	388.50
Harris, James, Jr., Mineral Point, Wis.								
Queen's Spot of Grand View 197789	A	284	Jan	959.6	5.55	53.26		
		312	Feb	826.9	6.03	49.86		
		343	Mar	888.5	5.51	48.96		
		365	Apr	630.6	5.41	34.12	13050.1	709.7
Hart, Tena, Fir Ridge Guernsey Farm, Roy, Wash.								
†Pride's Bluebell of Fir Ridge 184135	D	151	Apr	1083.8	4.80	52.02	6348.1	310.24
Haskell, H. G., Hill Girt Farm, Cossart, Pa.								
Eleneo 170618	D	353	Apr	544.5	6.42	34.96	9269.8	533.35
Eloise of Hill Girt Farm 193922	E	173	Apr	1026.6	4.60	47.22	6528.4	285.84
†Golden Noble Girl 170616	B	143	Apr	1009.6	5.75	58.05	5408.9	285.69
Guardsman's Golden Belle of Hill Girt 211294	G	365	Apr	24.0	5.46	1.31	10422.7	518.5
Guardsman's Justina 221981	G	120	Apr	1057.5	4.10	43.36	4304.6	163.29
Guardsman's Niola of Hill Girt 211293	G	365	Apr	35.2	6.00	2.11		
				53.4	4.33	2.31	8226.8	440.5
†Hill Girt Pine Top 188215	D	72	Apr	1575.2	4.08	64.27	3796.9	138.92
Majesty's Heather Bloom 193924	F	265	Apr	637.5	5.07	32.32	6949.4	328.90
Mary Garden of Hill Girt Farm 194688	E	156	Apr	991.3	5.17	51.25	5674.3	278.81
Merry Dora of Hill Girt Farm 211292	E	155	Apr	900.3	5.44	48.98	4973.7	252.78
Merry Hazel of Hill Girt 188211	E	263	Apr	770.1	5.57	42.89	8075.0	432.10
Merry Justina of Hill Girt 188212	D	69	Apr	963.4	4.25	40.94	2119.6	93.08
Ne Plus Hazel of Hill Girt 212927	F	148	Apr	784.4	5.27	41.34	4598.3	227.05
Nora Galli 221976	G	68	Apr	1017.3	4.67	47.51	2157.0	96.86
Nora Justina 221975	G	176	Apr	1041.5	4.63	48.22	6412.3	281.50
Noranda's Merry Bell 221978	G	139	Apr	926.5	4.68	43.36	4085.7	185.47
Noranda's Ultra Milkmaid 221977	G	89	Apr	836.3	5.71	47.75	2631.3	138.86
Patience of Dilwyne 177126	D	200	Apr	870.8	4.31	37.53	6934.1	287.52
Princess Golden Light 171628	B	180	Apr	928.9	4.95	45.98	6736.0	341.95
Royal's Lilian of Hill Girt 221974	G	120	Apr	838.3	5.13	43.00	3523.4	174.75
Violet Searchlight 175700	C	137	Apr	739.2	4.97	36.74	3281.0	154.73
Hawkins, L. A., Silver-Forest Fruit & Stock Farms, Silver Creek, N. Y.								
Dottie M. of Westwood 235666	G	21	Apr	648.7	4.70	30.49		
		52	May	1046.3	4.76	49.80	1695.0	80.29
s. Fairydale Nero 104510	d. Miranda of Westwood 153902							
Ethel M. of Westwood 214842	G	239	May	641.8	5.85	37.55	5206.6	294.23
Heweshurst Dawn 186539	C	340	Apr	268.6	5.00	13.43	8291.3	402.17
Miranda of Westwood 153902	A	120	May	1296.3	4.33	56.13	4895.3	207.98
Primrose M. of Westwood 2d 194087	E	239	May	772.7	4.60	35.54	7573.9	317.28
Rachel M. of Westwood 216488	G	239	May	672.8	4.74	31.89	5301.3	250.89
Heckler, Esther B., Brook View Hill Farm, Souderton, Pa.								
Queen's Jewel of Brook View Hill 207572	G	365	May	191.1	6.47	12.36	6946.0	372.9
Henry, L. W., Est., Maplewood Dairy, Rodman, S. C.								
Pet's Queen of Rodman 218459	G	24	Mar	490.5	6.16	30.21		
		54	Apr	664.1	5.11	33.94	1154.6	64.15
s. Coker Galaxy Gold 109344	d. Beauty's Pet of Rodman 181793							
Hill, George Watts, Quail Roost Farms, Rougemont, N. C.								
Agnes of Meadowbrook 97783	A	262	Jan	804.6	5.56	44.74	8107.0	382.15
Bell of Lakewood 247298	A	17	Mar	787.0	6.22	48.95		
		47	Apr	1594.7	4.30	68.59	2381.7	117.52
s. Governor's Lily Emerande's May King 43790	d. Miss Helen of Bon Ayre 96946							
Flossie of Winston Farm 104879	A	133	Jan	872.9	4.73	41.29		
		161	Feb	895.9	4.50	40.32		
		192	Mar	994.3	4.91	48.82		
		222	Apr	943.0	5.02	47.34	8034.6	382.03
Highness' Buttercup of New Place 169441	A	132	Mar	1003.8	5.82	58.42		
		162	Apr	949.4	5.64	53.55	5629.6	312.03
Hinds' Buttercup 241451	B	335	Mar	960.4	5.28	50.71		
		365	Apr	969.1	5.64	54.66	13388.6	615.0
Imp. Kitty of Melrose 93728	A	283	Mar	518.4	6.84	35.46		
		313	Apr	380.7	6.49	24.71	6399.5	382.91
Little Jay of Open Country 156420	A	9	Mar	360.1	4.45	16.02		
		39	Apr	1422.8	4.45	63.31	1782.9	79.33
s. Mars of Glencairne 54789	d. Imp. Kitty of Melrose 93728							
Memories of Open Country 242599	C	4	Mar	144.3	4.75	6.85		
		34	Apr	1279.6	4.75	60.78	1423.9	67.63
s. Imp. Duke of Vimiera 57641	d. Cora's Itchen of Chilmark's Belle 97541							
Sally of Somerset 93233	A	197	Mar	750.1	5.37	40.38		
		227	Apr	655.2	5.31	34.79	5765.2	293.91

Verbena's Norma of Grapelawn 157558	A	199	Mar	856.6	5.46	46.77		
		229	Apr	840.9	5.25	44.15	6960.2	355.89
Warrior's Ma Belle 198940	F	293	Mar	597.8	5.24	31.32		
		323	Apr	555.0	5.20	28.86	6934.8	348.41
Hoard, A. R., "Koshkonong Place," Fort Atkinson, Wis.								
Beda of Koshkonong Place 195098	E	268	Apr	569.7	5.67	32.30	6678.7	301.85
Bee of Koshkonong Place 198601	F	242	Apr	571.9	5.88	33.63	5868.7	272.23
Belle of Koshkonong Place 3d 166735	C	237	Apr	393.0	5.51	21.65	4790.9	221.64
Brisk of Koshkonong Place 186775	D	235	Apr	444.5	5.45	24.23	5312.1	241.90
Ultra of Koshkonong Place 205257	F	144	Apr	746.7	4.82	35.99	4328.1	203.06
Hocking, Ross & Zora, Readstown, Wis.								
†Cherub's Lassie Lue 233837	G	57	May	906.9	5.06	45.89	1647.3	76.69
Hope, J. L., Florham Farms, Madison, N. J.								
Caribou Celosia 2d 114606	A	263	May	854.7	5.95	50.85	7751.2	473.40
†Dainty Peeress 211482	G	305	May	210.0	6.66	13.99	6966.8	394.2
Donna Fanchon 210868	G	364	May	1012.5	5.79	58.62		
		365	June	31.6	5.79	1.83	12036.1	639.0
†Florham Bud 217607	G	285	May	782.6	5.84	45.07	6731.2	347.62
Florham Countess 207478	E	7	Apr	247.4	4.62	11.43		
		38	May	1315.8	4.62	60.79	1563.2	72.22
s. Noble Peer 33030 A. R.	d. Tangled Skein 65316							
Florham Francette 226329	G	12	Apr	360.0	4.42	15.91		
		43	May	1099.1	4.42	48.58	1459.1	64.49
s. Florham Majestic 76830 A. R.	d. Senator's France 137828							
Florham Priscilla 172083	B	172	May	1280.8	5.41	69.29	7622.0	388.84
Florham Prudence 219155	G	212	May	1050.0	5.47	57.44	7393.3	377.65
Highland Amulet 210972	G	365	May	473.7	6.43	30.46	9050.2	519.4
Highland Duchess 202629	E	12	Apr	387.5	4.13	16.00		
		43	May	1252.3	4.13	51.72	1639.8	67.72
s. Ultra Select 47137 A. R.	d. Gold Queen of Onunda 65030 A. R. 14199							
Highland Robena 210973	F	222	May	724.2	5.23	37.88	6421.1	327.91
†Peeress of France 210284	G	305	May	311.1	5.46	16.99	9306.2	443.4
Senator's France 137828	A	130	May	983.7	4.78	47.02	4268.3	212.23
Ultra May 197136	F	335	May	1082.5	6.20	67.12	11981.8	672.75
Horneman, H. C., "Kenfleur," Danville, Ill.								
Imp. Doreen's Pride II. of Dairy Farm 242657	F	26	Mar	751.3	3.92	29.45		
		56	Apr	1194.6	3.92	46.83		
		87	May	1303.2	4.01	52.26	3249.1	128.54
s. Imp. Bickleigh Noble III. 135932	d. Doreen VI. of Dairy Farm R. A. A. S. 2425 P. S.							
Kenfleur's Dairy Maid 174180	C	181	Apr	736.5	4.63	34.10		
		212	May	836.2	4.59	38.38	7100.2	336.06
Kenfleur's May King Orinda 207909	G	365	May	292.3	5.46	15.96	8984.8	440.7
Lady Crescent's Ideal of El Jane 141951	A	192	May	1337.5	5.63	75.30	8422.6	457.90
†Lassie Beda's Sweetheart of El Jane 154268	A	140	May	1207.6	4.20	50.72	5316.4	222.40
Orndale Ultra Gay Lass 3d 179221	C	97	May	1271.9	5.67	72.12	3875.8	204.80
Houghton, A. M., Blueberry Hill Farm, Marlboro, N. H.								
Lassie's Effie of Blueberry Hill 205818	F	133	May	1032.9	3.85	39.77	4740.7	182.49
Houghton, Clement S., Stannox Farm, East Holliston, Mass.								
Gipinda of Stannox 2d 165113	A	312	May	507.9	5.92	30.07	6081.5	360.23
Leda of Stannox 241619	F	230	May	748.1	5.41	40.47	5237.6	280.15
Lisbeth of Stannox 177463	A	209	May	610.3	5.49	33.51	5191.6	267.75
Prudence of Stannox 165116	A	328	May	665.4	5.77	38.39	7492.8	422.32
Humphrey, A. B., Grape Wild Farms, Escalon, Calif.								
Escalon Alice 208832	G	219	Apr	583.8	5.89	34.39	5364.8	278.33
†Escalon Anna Mary 214018	G	190	Apr	539.5	4.90	26.44	4263.4	205.07
*†Escalon Barbara 167320	A	6	Mar	284.8	5.68	16.18		
		36	Apr	1508.2	5.68	85.67	1793.0	101.85
s. Escalon Favorite 76818 A. R.	d. Calla Grove Beauty 73357 A. R. 13638							
†Escalon Calla Lillie 215415	C	145	Apr	1036.7	5.37	55.67	5452.3	287.03
Escalon Clara 187668	E	365	Apr	391.7	5.92	23.19	9303.3	536.6
†Escalon Cleo 277227	G	14	Mar	472.3	4.65	21.96		
		44	Apr	1127.6	4.65	52.43	1599.9	74.39
s. Escalon Pearl King 98631 A. R.	d. Clara of Chippewa 140337 A. R. 18083							
†Escalon Doreen 214017	G	245	Apr	812.0	4.79	38.89	6621.6	303.74
†Escalon Emma 198187	E	150	Apr	803.6	5.24	42.11	4378.3	242.95
Escalon Flower Girl 231672	F	167	Apr	721.6	5.21	37.60	4672.9	254.89
†Escalon Goldie 164016	A	240	Apr	892.8	6.15	54.91	7622.7	457.15
†Escalon Hester 274753	G	19	Mar	465.1	5.08	23.63		
		49	Apr	758.6	5.08	38.54	1223.7	62.17
s. Escalon Favorite 76818 A. R.	d. Escalon Hyacinth 2d 181258 A. R. 19283							
†Escalon Hilda 247208	E	58	Apr	1132.4	5.40	61.15	2298.3	129.24
†Escalon Lady Bess 260429	G	135	Apr	683.8	5.05	34.53	2941.8	152.87
Escalon Lucia 260428	F	262	Apr	636.9	5.01	31.91	5579.8	276.80
†Escalon Nancy 115812	A	365	Apr	302.0	5.65	17.06	9664.1	502.2
†Escalon Noble Lady 260430	G	247	Apr	558.0	5.59	31.19	4827.4	255.77
†Escalon Noble Maid 186068	C	118	Apr	683.5	6.24	42.65	2971.7	184.42
†Escalon Olga 241402	E	126	Apr	906.0	5.88	53.27	4404.5	246.88
*†Escalon Pauline 141966	A	12	Mar	533.9	5.24	27.98		
		42	Apr	1374.5	5.24	72.02	1908.4	100.00
s. Escalon May King 63408 A. R.	d. Phillys of Mayhews 71891 A. R. 16445							
†Escalon Perley 272717	G	75	Apr	1067.5	4.75	50.71	2670.8	121.90
†Escalon Proud Fairy 214014	G	270	Apr	492.9	5.69	28.05	5322.5	280.54
†Escalon Rosebud 214011	C	242	Apr	952.5	5.63	53.63	8594.3	473.74
†Escalon Rose Fashion 208831	G	273	Apr	445.2	6.19	27.56	5045.8	285.82

†Escalon Rosegirl 249979	D	61	Apr	1126.5	5.25	59.14	2331.3	116.97
†Escalon Ruby 156817	A	166	Apr	854.4	5.46	46.65	5045.3	286.41
†Escalon Verona 214012	F	170	Apr	735.3	4.80	35.29	3923.3	201.80
Huntsman, Roy C., Hesheldon Farms, Valencia, Pa.								
Apollo's Betty Jane 267742	F	122	May	908.7	4.14	37.62	3785.0	165.37
Hutchison, William H. & Son, West Alexander, Pa.								
†Windflower's Verbena of Walnut Valley 159136								
	A	19	Mar	623.1	4.46	27.79		
		49	Apr	1175.4	4.46	52.42	1798.5	80.21
s. Waddington Itchen Raider 64505 A. R.		d. Windflower of Walnut Valley 127266						
Hynicka Brothers, Stockdale Farms, Lebanon, Pa.								
Shady Lawn's Lassie 99487	A	132	Apr	1292.4	4.74	61.26	5977.5	282.34
Hynicka, Rud K., Stockdale Farms, Lebanon, Pa.								
Imp. Slogan's Sweet Flower of Westview Farm 149246	A	154	Apr	1229.5	4.89	60.12	6783.8	302.65
Illinois, University of, Urbana, Ill.								
Illini Miranda of Oberland 113898	A	241	May	919.1	5.37	49.36	10293.2	493.51
Jackson, W. P., Homestead Dairy Farms, Salisbury, Md.								
Cosquay's Rosette 171147	B	151	May	857.3	4.82	41.32	4855.5	229.61
Homestead Banner Maid 215156	G	179	May	900.4	4.57	41.15	6070.3	261.72
Homestead Elaine 196382	E	64	May	1001.2	3.91	39.15	2081.6	81.61
Homestead Foremost Elaine 221747	G	79	May	1002.3	4.07	40.79	2637.3	102.12
Homestead Foremost Marian 221748	G	113	May	962.8	4.23	40.73	3666.8	153.97
Homestead Proud Dairymaid 192650	D	125	May	824.7	5.51	45.44	4020.0	204.54
Homestead Rosa 199875	E	19	Apr	623.6	4.22	26.32		
		50	May	1175.5	4.02	47.26	1799.1	73.58
s. Gerar Proud Royal 93522 A. R.		d. Rosa of Glenden 2d 143682						
Homestead Veda 196384	E	17	Apr	512.4	4.34	22.24		
		48	May	990.2	4.54	44.96	1502.6	67.20
s. Gerar Proud Royal 93522 A. R.		d. Veda's May Girl 176352 A. R. 22051						
Rockingham Bessie 203100	A	148	May	1061.4	4.54	49.19	5873.4	263.75
Rutila's Wicomico Independent Polly 168771	B	92	May	963.2	4.89	47.10	3266.9	157.65
Star's Duchess of Locust Hill 201713	E	131	May	835.1	4.92	41.09	4381.3	219.15
Wicomico's Pride 176905	C	110	May	1161.8	4.05	47.05	4263.7	160.32
Johnson, Margery C., Robinwood Guernsey Farm, Muncie, Ind.								
†Cora of Robinwood 120657	A	131	Apr	981.7	5.20	51.05	4591.6	227.45
†Robinwood's Missy 196423	D	138	Apr	768.0	5.15	39.55	3673.5	188.59
Judson, Wm., & Clary, Aldice F., Cato, N. Y.								
Mary Elizabeth of Cornerview 162467	B	346	Mar	10.5	7.26	.76		
				676.6	4.11	27.81		
		365	Apr	791.0	4.11	32.51	9349.4	401. 1
Kennel, A. M., Honey Brook Manor Farm, Honey Brook, Pa.								
†Evergreen Pollyann 237643	A	175	Apr	863.2	5.05	43.59	5685.7	266.58
†Hedge Hill Diana 216033	F	31	Mar	996.5	5.30	52.81		
		61	Apr	955.0	4.25	40.59	1951.5	93.40
s. Ultra Neo Golda of Hill Girt Farm 88924		d. Brookdale's Milkmaid 78555						
†Hettie of Elkview 72377	A	19	Apr	693.0	4.50	31.19		
s. Meranda's Billy 30286		d. Cynthia of Elkview 36742						
†Maple Lane Favorite 167527	B	242	Apr	546.4	4.45	24.31	7521.8	300.56
Kidder, Walter S., Resthaven Farm, Troy, Ohio.								
Imp. Clara's Buttercup of Mara Alva 83904	A	179	May	1339.4	4.71	63.09	8643.8	384.52
Dorothy of Greenfield 221706	G	144	May	926.8	4.54	42.08	4659.1	206.65
Prospect's Beatrice 217630	C	92	May	1314.6	5.16	67.83	4118.3	196.25
Resthaven Betty 242764	G	30	Apr	1008.8	5.27	53.16		
s. Tom Tucker of Elgercon 113240		d. Resthaven Beauty 179097						
Resthaven Lucy 269979	G	138	May	1017.4	4.07	41.41	5008.2	199.33
Resthaven Queen 245336	E	199	May	848.3	5.19	44.03	5769.9	287.77
Resthaven Queenie 242760	A	212	May	1087.9	5.08	55.27	8552.4	411.93
Resthaven Silvie 242762	C	224	May	905.5	5.70	51.61	6479.3	399.47
Silvie of Scenery Hill 87306	A	230	May	1006.5	5.23	52.64	8149.7	442.38
Kinney, Oscar F., Waldorf Farms, North Chatham, N. Y.								
†Bountiful's Treasure of Brook Place 215524	G	277	May	652.9	5.53	36.11	5805.7	325.10
†Waldorf Anna Louise 187748	D	167	May	1024.3	4.06	41.59	6171.6	237.75
†Waldorf Irene 224197	G	169	May	849.6	4.20	35.68	4775.4	195.82
†Waldorf Miss Springfield 193719	E	201	May	595.5	5.14	30.61	4805.8	225.28
†Waldorf Naomi 225319	G	111	May	942.0	4.41	41.54	3420.6	126.82
†Waldorf Prudence 209353	G	273	May	675.9	5.21	35.21	6391.8	315.55
Knight, Charles H., Ravenna, Ohio.								
Dairy Queen of Valley Home 126461	A	106	Apr	939.0	4.99	46.86	3637.7	183.05
Doro of Valley Home 207157	F	186	Apr	671.8	5.66	38.02	4577.1	240.03
Krebs, H. J., Breidablik Farm, Wilmington, Del.								
Antoinette's Susan Chene 139946	A	119	May	1138.6	4.59	52.26	4724.4	221.89
Beechwood Columbine 175606	B	92	May	887.0	4.06	36.01	2745.2	110.61
Breidablik Annette 136559	A	365	May	490.8	6.50	31.90	11617.6	590.1
Breidablik Jenny 219208	G	71	May	1008.9	4.23	42.68	2293.2	97.80
Cherry Boy's Frances of Delaware 219200	G	188	May	847.3	3.85	32.62	5577.7	226.19
*Foremost's Aurice 168879	A	22	Apr	877.9	4.48	39.33		
		53	May	1304.3	5.00	65.22	2182.2	104.55
s. Langwater Foremost 39191 A. R.		d. Imp. Green Meadow Barbara 110767						

Foremost's Eiletta of Breidablik 223380	G	197	May	866.6	5.11	44.28	5602.9	280.50
Gusta of Delaware 173128	D	359	May	812.5	4.73	38.43	12361.6	536.20
Ida of Breidablik 134829	A	286	May	797.8	5.77	46.03	8755 3	437.34
Nonpareil's Dame of Breidablik 209769	G	286	May	755.0	5.23	39.49	7634.2	396.36
Nonpareil's Giddy Girl of Breidablik 219206	G	177	May	877.9	5.00	43.90	4943.8	243.11
Nonpareil's Luxury of Breidablik 199362	F	281	May	674.0	5.14	34.64	6546.5	353.47
Nonpareil's Woodbine 219202	G	120	May	883.9	4.92	43.49	3798.6	199.51
Pretty Rose of Delaware 183403	C	186	May	956.1	4.55	43.50	6863.9	282.89
Primrose of Delaware 173127	B	129	May	1240.3	4.34	53.83	5812.6	254.54
Queen's Alice of Rich Grove Farm 161480	B	206	May	1262.7	4.82	60.86	8593.6	382.07
Kruse, Simon, Radisson Farm, Anoka, Minn.								
Edna's Pride of Radisson Farm 100925	A	246	Apr	1032.2	3.80	39.22		
		277	May	725.5	5.30	38.45	9887.8	466.67
Favorite's Princess of Radisson 232806	G	335	May	917.3	4.94	45.31	9831.8	416.53
Glorianna of Radisson 265879	E	76	May	1240.2	3.91	48.49	2964.5	118.62
Maxim's Future Prospect of Dassel 139120	A	277	May	736.7	5.43	40.00	7117.2	350.44
Moonlight's Modele of Jean Du Luth 141399	A	148	Apr	832.5	5.37	44.71		
		179	May	914.6	5.05	46.19	5382.0	284.68
Queen May Rose of Winfield 221940	C	89	May	1136.4	4.16	47.27	3242.9	136.34
Radisson's Belle 168124	C	321	Apr	450.4	6.85	30.85	7369.6	404.54
Radisson's Rose Mary 277397	G	30	Apr	943.3	4.50	42.45		
		61	May	974.3	4.70	45.79	1917.6	88.24
s. Golden Coronation King 71683 A. R.		d. Rose Mary of Jean Du Luth 72731 A. R. 11542						
Roselight of Radisson 258904	G	60	May	849.6	4.56	38.74	1608.7	72.14
Royalist's Girl of Radisson Farm 133682	A	226	Apr	957.1	4.97	47.57	7453.4	367.31
Lake, Victor A., Soldiers Grove, Wis.								
†Marcia of Ore Hill 209498	E	23	Feb	606.1	4.89	29.64		
		54	Mar	876.8	4.89	42.88	1482.9	72.52
s. Cinderella's Fame of Mound City 78385 A. R.		d. Margo of Ore Hill 130536 A. R. 19633						
†Nugget of Ore Hill 212792	F	58	Feb	807.6	4.30	34.73		
		89	Mar	842.3	4.60	38.75		
		119	Apr	784.4	4.07	31.93		
		150	May	798.3	4.90	39.12	4045.8	177.22
Lasker, A. D., Lasker Farm, Deerfield, Ill.								
Imp. Fleurie's Vena IV. of the Cloture 246719	A	365	Apr	198.1	4.81	9.53	12356.5	565.7
Heweshurst Primrose 163370	A	365	Apr	416.0	5.70	23.71	14080.6	653.2
Honeybunch of Evening Shade 161651	A	107	Apr	1150.9	5.08	58.47	4461.5	226.05
Josie of Evening Shade 144787	A	201	Apr	1035.3	5.28	54.66	7362.0	340.07
Imp. La Fleur V. du Villocq 246725	D	129	Apr	1328.9	4.33	57.54	5867.6	249.59
Imp. Lily III. of the Osmonds 246720	A	216	Apr	942.1	4.92	46.35	7956.7	340.44
Imp. Miss Princess of Vauquiedor 246723	D	210	Apr	700.5	4.61	32.29	5650.8	252.99
Penetrator's Gloria 146531	A	22	Mar	871.2	5.27	45.91		
		52	Apr	1186.9	4.99	59.23	2058.1	105.14
s. Upland's Penetrator 61387 A. R.		d. Creamland's May Lass 100797						
Pride's Queen of Locust Hill 191096	A	142	Apr	1176.0	4.33	50.92	5861.6	265.55
Imp. Rubella of Bourg de Bas 246726	D	116	Apr	1239.0	4.39	54.39	4962.6	207.39
Latta, H. F., Hillsboro Dairy, Hillsboro, N. C.								
December of Clover Farm 202820	D	258	May	375.2	6.58	24.69	4419.4	320.70
†Klondike Anna 219897	G	208	May	497.7	5.58	27.77	3574.5	197.61
Law, Clinton J., Le Hillier Farm, Mankato, Minn.								
Akona Ultra Rose Lady 138682	A	365	May	406.3	6.15	24.99	9432.8	493.0
Learnard, George E., Beausite Farm, Greenwich, Conn.								
Imp. Arvor Triumph of Courtil Jardin 207116	D	206	Apr	857.4	5.68	48.70	6267.4	354.97
Imp. Beauty's Valentine 207108	C	236	Apr	1286.0	3.70	47.58	11297.5	457.20
Imp. Bickleigh Butterfly II. 253780	F	234	Apr	779.0	4.72	36.77	7313.0	374.31
Imp. Cobo Cherry of Beausite 228614	A	291	Apr	822.8	5.46	44.92	10367.3	499.37
Imp. Cyrene des Anneville II. 253779	F	346	Apr	757.1	5.36	40.58	10683.1	522.59
Imp. Dairy Queen of Beausite 228610	A	365	Apr	525.4	5.07	26.64	13630.8	624.9
Imp. Lady VII. of Blaye Farm 207072	A	272	Apr	974.7	4.62	45.03	11412.2	535.59
Imp. Langlois Sweet Maggie II. 207063	A	220	Apr	950.8	5.39	51.25	8135.4	414.34
Imp. Maid's Beauty of New Anneville 253781	G	358	Apr	611.1	6.37	38.93	9631.8	526.20
Imp. Rosebriar of Beausite 228615	A	356	Apr	732.0	5.75	42.09	13018.6	672.06
Tessie of Beausite Farm 193877	A	233	Apr	952.3	4.54	43.23	8584.1	407.53
Leinbach, H. M., Lonicera Farms, Douglassville, Pa.								
†Brookdale's Jean 147564	A	222	Apr	382.4	5.03	19.23	4929.4	254.55
†Lonicera Departure 276054	G	21	Mar	626.9	4.75	29.78		
		51	Apr	885.9	4.70	41.64	1512.8	71.42
s. Lonicera Jewel 104708		d. Fair Field Departure 145748 A. R. 20771						
†Lonicera Dorothy 165617	B	304	Apr	346.8	6.05	20.98	7200.6	376.65
†Lonicera Ellen 213829	G	262	Apr	425.6	5.36	22.81	5356.1	260.68
†Lonicera Heloise 193057	D	120	Apr	825.7	5.60	46.24	3850.7	197.74
†Lonicera Peerless 199506	F	223	Apr	606.7	4.45	27.00	5158.4	246.65
†Lonicera Sunshine 2d 212348	G	250	Apr	517.5	4.94	25.56	6157.0	287.39
†Mapledale's Lassie of Fashion 126809	A	9	Dec	319.1	5.73	18.28		
		40	Jan	1049.7	5.73	60.15		
		68	Feb	848.9	5.31	45.08		
		99	Mar	867.3	5.40	46.83		
		129	Apr	747.9	4.45	33.28	3832.9	203.62
s. Monogram's Sequel of Springside 52831		d. Woodbrook's Red Rose 81720						
†May King's Queen Harriet 161021	A	20	Mar	609.5	5.59	34.07		
		50	Apr	1060.2	4.47	47.39	1669.7	81.46
s. Harry G. of Seneca 62042		d. Herdlea Queen 101499						

†Pizor's Coupon 170682	B	16	Mar	507.7	4.91	24.93		
		46	Apr	993.5	4.15	41.23	1501.2	66.16
s. Falcon's Ensign 60260	d. Delta of Fairfirld 2d 88922							
Lemley, Walter, Maradea Farm, Fredericktown, Ohio.								
†Daisy Marie of Spring Hill 225339	F	138	May	1103.9	5.03	55.53	5110.3	260.28
Loree, R. F., Afton Farm, Florham Park, N. J.								
†Afton's Favor 216739	G	148	May	756.3	4.48	33.88	3865.2	156.94
Afton's Sayonara 216738	G	365	May	244.6	4.96	12.13	9213.4	432.3
†Highland Ramona 217568	G	163	Mar	786.2	4.46	35.06		
		193	Apr	782.6	4.29	33.57		
		224	May	832.1	4.33	36.03	5727.3	246.68
Ultra Bloom 197135	F	303	Mar	993.2	4.63	45.99		
		333	Apr	901.5	5.18	46.70		
		364	May	932.5	5.16	48.12	11498.4	567.23
Loring, A. C., Woodend Farm, Mound, Minn.								
Valentine's Golden Sylph 195801	E	209	May	1131.1	4.50	50.90	8878.9	405.90
Macy, V. Everit, Chilmark Farm, Ossining, N. Y.								
Chilmark Miss 195113	D	87	Mar	1258.3	5.51	69.88	3746.0	188.70
Chilmark Springmaid 209039	F	131	Mar	1187.6	4.99	59.26	5116.4	231.25
Maine, University of, Orono, Maine.								
Creusa's Belle 2d's Favorite 170556	D	335	May	811.0	5.86	47.52	11100.9	583.63
Creusa's Sunbeam 2d's Steadfast 212664	G	160	May	693.5	5.32	36.89	4048.1	220.04
Marble, George W., Fort Scott, Kansas.								
Sally's Valentine of Oak Hall 143815	A	114	May	1181.9	3.89	45.89	4415.6	182.90
Marshall, J. Albert, Marshallvale Farm, Kennett Square, Pa.								
†Marshallvale Countess 203925	F	144	May	857.2	5.36	45.95	4178.6	213.85
†Marshallvale Festa 203924	G	305	May	354.0	5.86	20.74	5535.5	266.1
†Marshallvale Roselee 213399	G	300	May	552.7	6.00	33.16	5533.3	290.78
Rockingham Royal Daisy 248596	F	210	May	481.6	6.15	29.62	4653.3	238.39
Martin, G. M., Walkertown, N. C.								
†Betsy Boss 2d's Lady 135723	A	219	May	937.8	5.63	52.80	6756.6	376.79
Laverna's Betsy Boss 103614	A	182	May	963.1	5.21	50.18	6907.1	359.06
Martin, Levi A., Bonnie Doon Farm, Oneida, N. Y.								
Belle's Boy's Dairymaid of Bonnie Doon 214704	G	119	May	1251.0	4.70	58.80	4633.7	217.48
Belle's Boy's Milkmaid of Bonnie Doon 216188	G	61	May	971.9	4.67	45.39	1809.9	89.30
Maurer, C. E., Ivyngton Farms, Ravenna, Ohio.								
Phylis of the Pogie 236437	E	234	Apr	940.2	4.55	42.78		
		265	May	921.9	4.22	38.90	8286.3	362.20
McAlpin, D. H., Brooklawn Farms, Morris Plains, N. J.								
Antoinette's May King Daughter's Girl 224153	G	162	May	478.3	5.91	28.27	2947.7	158.02
†Antoinette's May King's Queen 196941	E	102	May	773.1	4.56	35.25	2838.2	129.06
†May King's Antoinette of Brooklawn 196940	E	201	May	567.3	5.49	31.14	4801.9	241.54
†Viola's May King Lady Antoinette 224154	G	159	May	771.5	6.12	47.22	4308.1	259.16
McCormick, Robert R., Mrs., Cantigny Farm, West Chicago, Ill.								
Imp. Kitchener's Rosalind 120034	A	362	May	583.0	5.53	32.24	12957.1	609.35
Ultra Priscilla 138955	A	360	May	584.0	5.90	34.46	9268.7	488.60
McCullough, William Marvin, Orleton Farm, Lexington, Ky.								
Charlotte's Mills of Orleton Farm 223915	G	151	May	1134.8	4.74	53.79	5347.9	244.02
Du Preel's Maples Governorness 190175	C	31	Mar	1419.7	4.27	60.62		
		61	Apr	1353.7	4.05	54.82		
		92	May	1233.2	5.29	65.24	4006.6	180.68
s. Lily du Preel's Prairie Gold 48135	d. Maples Governorness 103488							
Itchen Milford Chloe 212937	G	299	May	566.6	5.29	29.97	5943.8	281.55
Mary Keith of Orleton Farm 223914	G	193	May	753.4	5.23	39.40	4642.5	231.45
Milford's Itchen Masher 197114	G	358	Apr	620.0	5.27	32.67	11550.8	514.5
Spotswood Butter Cup 212936	E	24	Mar	783.4	4.72	36.98		
		54	Apr	1088.8	3.95	43.01		
		85	May	1072.1	4.91	52.64	2944.3	132.63
s. King Spotswood Laddie 90211	d. Langwailer's Buttercup 157223							
Spotswood Daisy Dorothy 188467	D	182	May	893.8	4.58	40.94	5124.6	221.11
Mendenhall Brothers, Mendenhall Bros. Dairy Farm, High Point, N. C.								
Lady's Antone 3d 208156	G	334	Apr	712.4	4.74	33.77	7057.5	311.97
Imp. Moley's Pride 159290	A	357	Apr	119.6	4.45	5.32	8457.7	332.63
Menzies, Orville, Ira, N. Y.								
†Dairy Maid of Mengus Farm 212750	F	215	May	717.2	6.90	49.49	5751.6	337.07
Pride of Mengus Farm 223259	G	138	Apr	760.7	5.53	42.07		
		169	May	892.6	5.78	51.59	5433.1	270.03
Merryman, Louis McL., "Gerar Guernseys," Sparks, Md.								
Gerar Jezebel 2d 194206	F	259	Apr	651.1	5.41	35.22	6674.1	322.53
Golden Fern's Beda 171324	D	352	Apr	475.7	4.27	20.31	8305.5	352.08
Millay Bros., Richmond, Maine.								
Daisy Princess of Millay's Homestead 206696	G	294	May	1048.9	6.45	67.65	10317.6	628.51
Dorothy S. of Millay's Homestead 152353	A	212	May	1141.8	5.09	58.12	8155.9	439.50
Lakewood Barbara 213688	D	295	May	1335.5	5.79	77.33	9228.3	583.39
Lakewood Elsa 173221	A	146	May	1169.9	5.59	65.40	5966.2	315.69
Sunshine's Maid 175219	C	216	May	1205.1	5.13	61.82	9708.7	466.94

Miller, B. D., Bethany Homestead Farms, Honesdale, Pa.								
Beechford's Lady 164206	B	175	May	1258.8	5.07	63.82	7968.3	395.4[4]
Imp. Blossom of Bas Courtil 248931	D	139	May	1024.3	5.06	51.83	5039.3	247.8[5]
Cherub's Queen of Haviem 176638	C	196	May	845.2	4.16	35.16	6615.9	305.63
Corwin Hill Daisy 165004	A	92	May	1736.1	3.57	61.98	5172.4	195.81
Imp. Dairymaid's Mona IV. 248934	E	321	May	770.8	5.76	44.40	9242.6	494.77
†Daylo Sunbeam 170679	A	30	Apr	888.4	4.93	43.80		
		61	May	813.0	5.06	41.14	1701.4	84.94
s. Langwater Music's Dimple King 57284 A. R.		d. Madge Kirby of Hurley-hurst 63546						
Daylo Yule-tide 126293	A	358	May	740.6	6.23	46.14	12028.2	667.60
Imp. Elsie of Village Farm 119108	A	200	May	1223.9	5.02	61.44	9109.7	437.99
†Imp. Florodora of Ponchez 262661	G	68	May	967.3	4.56	44.11	2185.9	102.97
Flossie of Carnival 141591	A	255	May	1109.1	4.38	48.58	10593.3	474.52
Homestead Bloom 220081	G	120	May	741.4	4.83	35.81	3163.0	150.21
Homestead Milk Maid 186684	D	91	May	1339.4	4.78	64.02	4340.6	211.64
Laddie's Blossom 118788	A	340	May	863.7	5.47	47.24	12866.4	660.24
Lassie of Elder Grove Farm 133468	A	197	May	967.6	5.31	51.38	7746.2	370.24
Imp. Richmond's Butterfat of the Grove 226894	G	260	May	803.3	5.89	47.31	7195.5	408.53
Minnesota, University of, St. Paul, Minn.								
Minnehaha Grenadier Alice 2016666	E	10	Mar	153.4	3.85	5.91		
		40	Apr	655.5	3.85	25.24	808.9	31.15
s. May Rose Grenadier 82027	d. Minnehaha May Rose Searchlight 141205							
Minnehaha Grenadier Beulah 208016	F	17	Mar	388.9	4.36	16.96		
		47	Apr	851.3	4.36	37.12	1240.2	54.08
s. May Rose Grenadier 82027	d. Mignot's Beauty of Lakeside 69312							
Minnehaha Grenadier Dimple 208015	F	12	Mar	291.0	4.19	12.19		
		42	Apr	843.7	4.19	35.35	1134.7	47.54
s. May Rose Grenadier 82027	d. Mignot's Dairymaid of Lakeside 76304 A. R. 12744							
Minnehaha Leader's Lela 210073	F	62	Mar	753.5	5.41	40.76		
		92	Apr	725.0	4.96	35.96	2344.3	122.53
*Minnehaha May Rose Lily 162347	A	20	Mar	850.3	4.10	34.86		
		50	Apr	1246.2	4.10	51.09	2096.5	85.95
s. Starlight's May Rose King 49139 A. R.		d. Lily of Oak Hill Farm 44611						
Mitchell, F. A., Far Hills, N. J.								
Collection's Bargy 217032	G	173	Apr	1338.8	5.10	68.28	7954.3	343.15
Mimosa Calendar 114593	A	134	Apr	1481.5	4.12	61.04	7069.9	266.60
Moock, George B., The Hiland Guernsey Farm, Newport, Ky.								
Daisie Irene of Maple Lawn 268390	A	96	May	1397.2	4.07	56.87	4397.7	185.72
Goldie's Pride of Maple Lawn Farm 181149	B	69	May	1125.4	4.80	54.02	2508.5	121.23
Moore, E. A., Moorland Farm, Kensington, Conn.								
Elenor's Venus 103021	A	336	Apr	586.5	5.24	30.73	8020.5	403.62
Lady Agnes of Wilmington 169751	B	139	Apr	910.7	5.20	47.36	4721.8	225.60
Moorland Amiable Aloyse 202212	B	283	Apr	904.8	5.27	47.68	8457.9	440.60
Moorland Amiable Daisy 216363	F	27	Feb	905.5	4.26	38.57		
		58	Mar	1089.7	4.52	49.25		
		88	Apr	970.9	5.13	49.81	2966.1	137.63
s. Langwater Soldier 43379 A. R.	d. Alda of Lakeview 133979							
Moorland Dolly 200866	F	312	Apr	627.3	5.30	33.25	8049.9	417.49
Moorland Happy Blue Bell 271311	G	117	Apr	942.1	4.26	40.13	3717.0	153.57
Moorland Happy Violet 241958	C	31	Mar	1279.9	4.05	51.84		
		61	Apr	1231.1	4.10	50.48	2511.0	102.32
s. Moorland Happy Warrior 95733	d. Moorland Blue Bell 178383							
Moorland Merry Marguerite 264525	F	177	Apr	831.1	5.10	42.39	5183.8	257.13
Moorland Princess May 256048	F	312	Apr	950.0	4.64	44.08	10003.4	467.00
Moore, Paul, Mr. & Mrs., Hollow Hill Farm, Convent, N. J.								
†Convent's Adonis Rose 196904	E	147	May	858.6	5.12	43.96	4748.6	229.84
†Convent's Senator's Rosey 206637	G	305	May	482.5	6.20	29.92	7185.5	380.4
Convent's Yvonne's Ione 173311	C	182	May	780.4	5.80	45.26	5176.8	295.79
Mountain Park Institute, Mountain Park, N. C.								
Belle's Cherry of Woodside 203969	E	22	Mar	649.0	5.21	33.81		
s. Guernseydale Vimiera 58035 A. R.	d. Alva's Belle of Woodside 110683							
*Dimple's Foremost Queen 197080	E	31	Jan	667.3	5.75	38.37		
		59	Feb	575.4	5.75	33.09		
		90	Mar	590.9	5.31	31.38	1833.6	102.84
s. Bertha's Foremost of Oakdale 102908	d. Foremost's Flora of Oakdale 171548 A. R. 18885							
Munn, Wayne A., Janesville, Wis.								
†Luetta's Patrica of Future Hope 153584	A	146	May	980.9	5.43	53.26	4989.0	246.31
†Imp. Nellie III. of the Long Menage 185980	A	124	May	832.3	4.96	41.28	4114.0	197.64
Neal, Herbert, Bruffs Island Farm, Easton, Md.								
Oakdale's Bonnie's Girl 237487	G	5	Mar	128.6	3.88	4.99		
		35	Apr	971.5	3.88	37.69		
		66	May	980.1	4.41	43.22	2080.2	85.90
s. Roberta's Cavalier 91240	d. Oakdale's Bonnie 151568							
Nelson, W. S., Onancock, Va.								
†Jane's Lassie of Fairview 252050	E	149	Apr	657.2	5.31	34.90	3693.5	191.99
Newby, R. G., Newby Farm, Plover, Wis.								
Speckle of Newby Farm 202108	E	215	May	832.3	5.39	44.86	6591.3	360.27
Togo's Bessie of Newby Farm 163030	A	182	May	918.3	5.24	48.12	5799.7	295.00
Viking's Crystal 119617	A	207	May	812.7	5.50	44.70	6731.5	339.65

New Mexico College of Agriculture & Mechanic Arts, State College, N. Mex.								
Auburn's Lassie 226439	G	89	Apr	1069.9	4.05	43.33	3316.8	142.81
Fascination of Amarillo 213474	G	365	Apr	35.1	6.28	2.20	10263.7	512.8
Fascination of Fryin Pan 135468	A	162	Mar	1098.7	5.56	61.09		
		192	Apr	1055.3	6.40	67.54	8177.0	443.48
Linwood's Aleen 213646	G	238	Apr	560.9	6.18	34.66	5516.8	304.70
Nixon, Ray, Maple Leaf Guernsey Farm, Mansfield, Ohio.								
Maple Leaf's Fawn 195362	G	365	May	826.9	5.13	42.42	11603.1	593.7
Norfolk County Agricultural School, Walpole, Mass.								
Pollyanna Fashion of Norfolk 166360	C	365	Apr	240.8	5.07	12.21	8502.8	422.8
†Pollyanna of Norfolk Aggie 182903	A	166	Apr	665.2	5.67	37.72	4726.6	232.44
Norman, P. H., Greensboro, N. C.								
Raider's Jewel of Normack 223425	G	151	May	734.6	4.61	33.87	3294.8	153.06
Norman, Parks H., Jr., Greensboro, N. C.								
Melva's Princess of Normack 209587	G	291	May	681.5	4.91	33.46	6475.7	292.85
Ostrander, R. S., Knowlesville, N. Y.								
†Pride's Rose of Orleans 218514	C	305	Feb	204.9	6.88	14.10	6578.4	384.7
Page, L. A., "Minnewashta Maples," Excelsior, Minn.								
Beauty's Sister of Fair Meadows 185499	D	179	Apr	1092.1	5.09	55.59	6876.3	357.23
Bonnie's Olive of Fair Meadows 81243	A	365	Apr	571.5	6.49	37.09	12963.7	680.0
Bopeep's July Girl of Honeycup 140915	A	129	Apr	1341.8	4.62	61.99	6353.5	289.90
St. Croix Catherine 107284	A	187	Apr	1147.1	4.66	53.45	10132.7	452.31
Patrick, J. W., East Liberty, Ohio.								
Betty's Cherrybelle of Wondom Valley 223882	G	118	May	888.1	5.30	47.07	3542.4	181.36
†Lady Rose's Beauty of Beaver Run Farm 209504	E	72	Apr	1089.3	4.77	51.96		
		103	May	992.6	4.80	47.64	3695.0	178.18
Peck, Clara S., Winganeek Farm, Shrewsbury, N. J.								
The Superior Lady 150480	A	46	May	1031.5	5.10	52.61	1530.5	77.61
Winganeek's Betty Royal 187173	C	27	May	1102.4	4.84	53.36		
s. Sunnybrook Royal Prince 92565	d. Virginia of Portland 73450							
Peck, E. C., Avalon Farm, Macedonia, Ohio.								
Cherub's Jewel's Matilda of Avalon 215676	G	126	May	1100.2	4.94	54.35	4474.4	223.68
Cherub's May Secret of Avalon 211375	G	242	Apr	337.9	6.21	20.98	4980.7	262.49
Cherub's May Sequel's Robin 211795	G	281	May	758.8	4.49	34.07	7134.7	324.56
Cherub's Pearl Bates 223193	G	86	May	990.7	4.01	39.73	3285.3	142.53
Dairy Maid of Avalon 121927	A	306	May	634.7	5.32	34.24	8394.3	417.87
Jewel's May Secret of Avalon 156659	A	202	May	1280.3	4.17	53.39	8349.7	373.10
Miss Daisy of Maple Hill 72610	A	365	May	82.0	4.60	3.77	15888.1	638.1
Royal Champion's Star of Avalon 220288	G	88	May	966.2	4.22	40.77	2750.3	126.05
Pedigreed Seed Company, Hartsville, S. C.								
*Coker Diamond Grape 177325	D	31	Jan	1388.9	4.82	66.94		
		59	Feb	1136.4	4.53	51.48		
		90	Mar	1170.4	4.32	50.56		
		120	Apr	996.4	3.63	36.17		
		151	May	1030.3	5.02	51.72	5722.4	256.87
s. Grape Lawn May King 45483 A. R.	d. Christine of Curles Neck 62818 A. R. 12625							
Coker Moss Marigold 158396	A	138	May	945.4	5.78	54.64	4639.0	255.51
Florentine Eastern Ferby 204076	G	227	May	822.2	5.83	47.93	6657.9	379.54
Goldy's Lassie of Raja 157447	A	31	Jan	952.1	5.39	51.32		
		59	Feb	853.4	5.57	47.53		
		90	Mar	911.1	5.82	53.03		
		120	Apr	824.2	5.41	44.59		
		151	May	815.8	5.18	42.26	4356.6	238.73
s. Grapelawn Raja 67004	d. Goldy's Lass of Eastlawn 84855							
†Helen Gould of Coker Farms 134984	A	130	May	1168.9	4.95	57.86	5646.5	291.51
†Miller's Pauper of Sunny Side 178574	E	305	Apr	24.7	5.91	1.46	8278.1	426.7
Mimosa Gaiety 231522	B	273	May	661.3	6.08	40.21	7491.7	438.75
Mozingo's Ultra Lady 177824	D	340	May	816.5	5.38	43.93	10569.1	519.61
Sunbeam of Clover Farm 233579	F	61	May	913.2	4.75	43.38	1720.4	77.85
Pelouze, Wm. Nelson, "Alta Vista," Lake Geneva, Wis.								
Ma Chere Midday 110033	A	136	May	882.6	4.62	40.78	4553.2	203.33
Pearl's Secret 160412	A	101	May	1409.7	4.27	60.19	4654.7	208.35
Ultra Ginger of Alta Vista 212270	F	122	May	807.8	4.87	39.34	3363.0	157.28
Ultra Loraine of Alta Vista 218299	G	202	May	754.4	4.99	37.64	5111.8	250.88
Pemberton, W. D. Urban, Marymede Farm, Summerville, S. C.								
Appin's Dorcas 191376	B	348	Mar	72.3	6.48	4 .69	8432.9	394.7
Perkins, George W., Glynwood Farm, Cold Spring, N. Y.								
†Brabant King's Katherine 208203	F	63	Mar	903.7	5.19	46.90	1904.2	105.83
†Brabant Ultra Beth 197021	E	42	Mar	1111.5	5.36	59.58	1479.7	78.54
Pflughoeft, E. P., Whiteash Valley Farm, Algoma, Wis.								
†Valentine's May Squire 195803	F	237	Apr	477.6	6.10	29.13	4939.6	272.58
Pflughoeft, Julius, Whiteash Valley Farm, Algoma, Wis.								
†Beatrice of Kodan 255852	G	106	Apr	827.4	5.25	43.44	3070.6	153.74
†Hero's Buttercup 121338	A	120	Apr	902.3	5.75	51.88	4225.9	232.05
†King's Cissy's Ann of Big Hill 213953	F	15	Mar	507.1	4.15	21.04		
		45	Apr	1049.9	4.35	45.67	1557.0	66.71
s. Queen's Ultra May King 58410	d. Lasswade Cherub's Cissy 152828 A. R. 20073							

Rose of Hilly Spring Farm 132521	A	212	Apr	769.3	6.25	48.08	5819.4	337.95
†Whiteash Bo Peep Ella Percilla 208984	F	16	Mar	624.2	5.00	31.21		
		46	Apr	1126.2	6.51	73.32	1750.4	104.53
s. Cedar Lawn Secret 89204	d. Valley Bo Peep's Ella 151414 A. R. 19742							
†Whiteash Rosebud 179780	D	121	Apr	905.5	5.99	54.24	4241.0	262.45
Post, George B., Kenilwood Farms, Bernardsville, N. J.								
†Imp. Sylph's Rose of King's Mills 248936	E	271	May	591.8	4.74	28.05	7203.5	325.51
Powell, Wilson M., Pitt Hall Farm, Old Chatham, N. Y.								
Annie Rooney of Daley Farm 156115	A	111	Apr	1435.2	3.96	56.83	5621.0	221.49
Peggy of Peace Valley Farm 158615	A	120	Apr	1172.2	4.67	54.74	5271.2	228.42
Rea, Henry R., Mrs., Farmhill Dairy, Sewickley, Pa.								
Bertha of Farmhill 243548	G	25	Apr	748.4	5.13	38.39		
		56	May	10050.0	5.13	51.56	1753.4	89.95
s. Rosetta's May King of Waddington 92343 A. R.	d. Primrose's Beauty of Farmhill 160018							
Betty of Farmhill 2d 160013	A	292	May	1004.0	5.54	55.62	11324.6	576.11
Juliana of Farmhill 243544	G	196	May	758.6	5.18	39.30	4559.8	224.36
Martha of Farmhill 243546	G	179	May	777.8	5.31	41.30	4443.8	236.71
Raider's Mayflower of Farmhill 200664	E	186	May	1032.6	5.10	52.66	6713.9	331.72
Rice, F. B., Fox Run Farm, Peterboro, N. H.								
Fox Run Rose Lyn 168844	B	238	May	580.0	4.99	28.94	5873.3	265.14
Monomaid of Fox Run 184458	C	26	Dec	819.4	4.94	40.48		
		57	Jan	923.8	4.94	45.64		
		85	Feb	763.9	4.43	33.84		
		116	Mar	727.9	4.16	30.28		
		146	Apr	612.0	4.43	27.11		
		177	May	577.7	4.32	24.44	4424.7	210.79
s. King of Fox Run 80801 A. R.	d. Monogirl of Riverdale 115490 A. R. 15826							
†Primrose of Fox Run 171476	B	54	May	1324.2	3.67	48.60	2173.5	89.09
Rice, W. B., Est., Fox Run Farm, Peterboro, N. H.								
Fox Run Blossom 177082	C	159	May	592.7	5.34	31.65	3832.9	209.04
Richey, J. T., Cascade Farm, Boring, Oregon.								
Cascade Aurora 203997	G	344	May	651.6	6.64	43.27	7576.1	469.33
Cascade Venus 186616	E	365	May	661.1	5.79	38.28	10490.2	594.6
Imp. Mallett's Brunette 107367	A	219	May	1200.8	4.97	59.68	9224.3	445.14
Riford, L. S., & Staples, T. M., Greystone Farm, Auburn, N. Y.								
Greystone Kirsty May 266125	G	4	Feb	106.7	3.73	3.98		
		35	Mar	1026.9	3.73	38.30	1133.6	42.28
s. Gayhead's Ultra May Boy 60726 A. R.	d. Kirsty Lee 155820							
Pineland's Ultra Beatrice 180781	C	13	Mar	551.4	3.68	20.29		
s. Boomerang 48478 A. R.	d. Ultra Zeta 125558							
Roddey, J. B., Columbia, S. C.								
Appin's Lady Rose 124011	A	66	Apr	1171.9	4.22	49.45	2561.9	108.11
Appin's Viola 186541	F	365	Apr	366.0	5.65	20.68		
				75.7	4.60	3.48	11492.7	615.7
Fortune's Pansy 201081	E	187	Apr	801.4	5.36	42.96	5696.3	303.32
Gemsey's Daisy of Orange 248227	G	356	Apr	529.4	4.93	26.10	8696.0	448.39
Iris of Edgewood 2d 197997	F	314	Apr	757.5	4.54	34.39	8665.0	408.85
May Rilma of Brice Farm 118784	A	240	Apr	554.8	5.37	29.79	7040.1	372.09
Patty of Erinvine 163097	B	331	Mar	467.2	5.06	23.64		
				116.0	4.20	4.87		
		361	Apr	916.9	4.20	38.51	13431.4	599.77
Roxie May of Appin 203923	E	250	Apr	642.9	5.62	36.13	6350.7	349.77
Stringfellow Dairymaid 141231	A	68	Apr	1491.5	4.20	62.64	3389.8	143.70
Roosevelt, N. G., Gippy Plantation, Moncks Corner, N. C.								
†Anna of Avoca 120705	A	78	May	1131.2	3.92	44.34	2858.5	108.04
Holliston's Dimple of Oakhurst 241928	G	227	May	695.4	5.58	38.80	5520.1	312.15
Holliston's Oakhurst Betty 241926	D	100	Apr	583.0	5.13	29.91		
		131	May	607.1	5.25	31.87	3044.6	152.82
Holliston's Oakhurst Buttercup 241927	G	365	Apr	272.7	5.40	14.73	9452.1	518.4
†Paradise Mistress 136962	A	61	May	1052.6	4.66	49.05	2188.3	95.73
Root, S. N., Woodside Stock Farms, Landisville, Pa.								
Woodside Countess 2d 163901	A	189	Apr	434.9	5.90	25.66	4232.0	247.45
Woodside Levity 189235	C	155	Apr	803.2	4.86	39.04	4905.7	236.42
Woodside Ultra Dolly 149632	A	273	Apr	619.2	5.30	32.82	7485.9	347.46
Rueping, F. J., Corium Farm, Inc., Fond du Lac, Wis.								
Corium Dillagustine's Finesse 182095	D	359	May	449.5	5.21	23.42	8929.1	460.91
Corium Ladock Flora 168786	C	361	May	656.3	5.73	37.61	10913.4	576.14
Corium Pride's Hermia 215421	F	100	May	1056.2	4.04	42.67	3267.4	138.14
Corium Pride's Hilaria 224371	G	131	May	1166.4	4.36	50.86	4930.6	216.66
Corium Pride's Honoria 226388	G	197	May	1133.7	5.18	58.73	7457.1	353.12
Corium Superb's Gloria 188946	E	365	May	24.0	5.40	1.30	8888.0	407.2
Corium Superb's Grateful 193476	D	3	Mar	113.7	4.71	5.36		
		33	Apr	1248.0	4.71	58.78		
		64	May	1119.2	5.27	58.98	2480.9	123.12
s. Superb of Edgemoor 49590 A. R.	d. Imp. Jeannette II. of Melrose 93717 A. R. 10227							
Corium Ultimas Dolly's Galatea 203703	F	335	May	781.7	4.88	38.15	9086.8	432.57
Corium Ultimas' Gemsey 193478	D	16	Mar	534.3	5.00	26.72		
		46	Apr	961.2	5.00	48.06		
		77	May	940.4	4.87	45.80	2435.9	120.58
s. Langwater Ultimas 39637 A. R.	d. Millie Martin's Rose 108403							
Corium Ultimas' Genevieve 199613	F	330	May	787.1	5.87	46.20	10179.0	556.45

Corium Ultimas' Hazel 207943	E	87	May	1064.3	5.20	55.34	2912.7	141.24
Haviem's Charity 126161	A	361	May	694.6	5.15	35.77	11790.1	621.37
†Violet's Dandy 73631	A	207	May	991.0	5.66	56.09	7724.6	381.09
Westview Vivian 169068	B	151	May	919.7	5.57	51.23	5165.0	268.60
Yeksa's Pearl Maid 260833	A	138	May	1312.6	4.34	56.97	6240.8	243.52
Yvonne Martin of Goldenrod Meadows 209508	A	339	May	419.0	6.31	26.44	9278.1	549.95
Rundell, Dale E., Ore Hill Farm, Livingston, Wis.								
Bara of Ore Hill 114576	A	206	Jan	636.8	5.56	35.41		
		234	Feb	542.6	5.88	31.90		
		265	Mar	509.1	5.69	28.97	6761.9	325.71
Favor of Ore Hill 182684	E	324	Jan	790.8	5.92	46.82		
		352	Feb	686.7	5.93	40.72		
		365	Mar	335.6	5.93	19.90	11275.1	560.4
Gloria of Ore Hill 182683	C	30	Dec	1162.2	5.36	62.29		
		61	Jan	1125.5	5.52	62.13		
		89	Feb	944.3	5.64	53.26		
		120	Mar	1049.6	5.29	55.52		
		150	Apr	1000.5	5.43	54.33		
		181	May	988.3	5.59	55.25	6270.4	342.78
s. Cinderella's Fame of Mound City 78385		d. Imp. Fancy of Ore Hill 96674 A. R. 16568						
Hope of Ore Hill 170895	C	248	Jan	640.2	6.15	39.37		
		276	Feb	547.0	6.60	36.10		
		307	Mar	715.5	5.55	39.71		
		337	Apr	760.9	5.36	40.78		
		365	May	722.3	5.38	38.86	10491.5	558.1
Rundell, Homer, Linwood Farm, Livingston, Wis.								
Leading Lady of Linwood 136924	A	241	Jan	984.0	4.85	47.72		
		269	Feb	778.1	5.10	39.68		
		300	Mar	982.3	4.54	44.60		
		330	Apr	953.2	4.54	43.28	11744.8	498.38
Linwood's Bess 168781	B	30	Dec	1412.9	4.94	69.80		
		61	Jan	1391.7	4.86	67.64		
		89	Feb	1207.1	4.84	58.42		
		120	Mar	1326.0	4.55	60.33		
		150	Apr	1333.8	4.44	59.22		
		181	May	1279.7	4.72	60.40	7951.2	375.81
s. Cinderella's Fame of Mound City 78385		d. Honoria of Linwood 113522						
Russell, B. F. W., Old Town Farm, Peterboro, N. H.								
†Cherry Blossom of Old Town Farm 209946	G	234	May	904.7	5.96	53.92	7550.5	407.34
†Milkmaid of Old Town Farm 213211	B	214	May	505.8	5.30	26.81	5438.9	292.46
Sandford, C. M., Long Brook Farm, Far Hills, N. J.								
†Emma of Fond du Lac 2d 137695	A	210	May	933.2	5.39	50.30	7619.7	376.44
Sanford, H. A., Mocksville, N. C.								
†Croft's Beauty 97303	A	110	Apr	879.0	5.00	43.95	3236.9	161.62
Sass, Ernest W., "Pergue," Hoopeston, Ill.								
Pergue's May Crescent 244510	D	64	Feb	1250.1	5.47	68.38		
		95	Mar	1266.8	5.66	71.70		
		125	Apr	1106.2	5.13	56.75	5223.9	283.11
Pergue's Nora 103851	A	64	Apr	1418.2	4.93	69.92	2964.8	150.81
Saunders & Myers, Lombardy Farm, Leesburg, Va.								
Betty's May Day 124068	A	146	Apr	1044.3	3.78	39.47	5895.8	248.77
Juliette Sequel's Minnie 175555	C	7	Jan	230.0	4.83	11.11		
		35	Feb	1220.4	4.83	58.95		
		66	Mar	1378.9	4.36	60.12		
		96	Apr	1263.3	3.80	48.01	4092.6	178.19
s. Willma's Major of Hillside Farm 86405		d. Juliette Sequel of Spring Farm 97148						
May King's Itchen Kaloolah 2d 130128	A	104	Apr	1027.8	4.07	41.83	3862.3	168.17
Raider's Beauty of Lombardy 147440	A	146	Apr	702.7	4.63	32.54	4352.2	202.76
Ville-au-Roi's Queen of Lombardy 95114	A	63	Apr	1396.2	4.06	56.69	3019.7	133.16
Schaaf, H., Highland Farms, Chatham, N. Y.								
†Bosworthfield Gwendolyn 176299	A	51	May	1616.9	3.79	61.28	2549.3	106.31
*†Bosworthfield Hildegarde 175632	B	11	Apr	431.3	4.28	18.46		
		42	May	1480.5	4.28	63.37	1911.8	81.83
s. Bosworthfield Geoffrey 104452 A. R.		d. Bosworthfield Dora 115086						
†Bosworthfield Juanita 215509	G	82	May	950.6	4.24	40.31	2400.4	110.60
Scott, Conoway, "Elmhurst," Scott, Ark.								
Cecil's Mary of Fairview 174855	C	320	May	487.5	5.58	27.20	8374.7	418.11
†Duchess Chief 164957	B	128	May	765.4	4.41	33.75	3518.6	158.67
Sedgefield Inc., Sedgefield Farm, Greensboro, N. C.								
Appin's Barbara 195316	A	85	Apr	1113.1	4.24	47.20	3229.1	132.26
Primrose Christine 2d 155221	A	178	Apr	873.6	4.98	43.51	6892.4	336.85
Roselade's May Rose 2d 154667	A	164	Apr	792.6	5.06	40.11	4830.6	210.00
Selden, Thomas J., Homeland Dairy Farm, East Hampton, Conn.								
‡†Homeland's Fancy Girl 128225	A	6	Feb	227.3	4.44	10.09		
		37	Mar	1572.0	4.44	69.80		
		67	Apr	1541.8	3.93	60.59	3341.1	140.48
s. Fancier of Falcon's Flight 45434 A. R.		d. Homeland's First Lady 101144						
†My Fancy of Homeland 178205	D	295	Apr	353.0	6.09	21.50	10414.5	488.18
†Nourmahal's Rose of Homeland 108963	A	137	Apr	1157.3	4.60	53.24	5709.8	277.36
Sevits, Irven, Danville, Ohio.								
†Grace Gray of Mohican Farm 214067	F	61	May	1231.5	4.40	54.19	2413.0	110.67

†Miss Ray of Mohican Farm 191092	B	20	May	878.2	4.00	35.13		
s. May King's Laddie of Golden Hoof 62350		d. Mabel of Mohican Valley Farm 154219						
Shady Lane Farms Co., The, Columbus, Ohio.								
Itchen Queen of Longlane Farm 166175	A	145	May	805.7	3.98	32.07	4171.0	172.34
Welsh Hills Maid 162184	A	193	May	678.5	4.30	29.18	4365.2	197.13
Welsh Hill's Petunia 146171	A	202	May	697.7	4.71	32.86	5206.6	219.09
Shaw, Robert Alfred, North Dorset Farms, North Dorset, Vt.								
Belle of Big Meadow 163963	A	141	May	1057.9	6.25	66.12	4971.3	272.75
Fairydale Model Hepatica 234060	F	141	May	1299.6	6.17	80.19	5065.5	257.65
Tractor's Margie May Queen 165276	B	238	May	1010.2	5.74	57.99	7829.6	442.89
Sheldon, H. E. & Huntsman, Roy C., Hesheldon Farms, Valencia, Pa.								
Gertha's Merneal 174928	B	98	May	1279.2	5.11	52.58	4169.6	178.94
Maid's Dolly Bloomfield 127986	A	120	May	930.5	5.06	47.08	3686.8	178.11
Patsy Pet of Cool Spring Farm 161126	A	64	Apr	1433.8	3.89	55.77		
		95	May	1385.7	4.40	60.97	4441.2	217.77
Pauline of Meadow Brook Farm 113497	A	86	May	1752.7	3.94	69.06	4700.5	184.02
Queen Titania 113168	A	3	Apr	94.6	4.61	4.36		
		34	May	1134.3	4.61	52.29	1228.9	56.65
s. Butter Boy's King 45235		d. Queen of Red Barn Farm 42682						
Sherman, N. A., Winnetuxet Farm, Plympton, Mass.								
Winnetuxet Bud 219251	C	11	Mar	545.0	4.43	28.14		
		41	Apr	1540.1	4.43	68.23	2085.1	96.37
s. Cramond Leader 67912 A. R.		d. St. Austell Debutante 87614 A. R. 12331						
Winnetuxet Colchester 2d 221154	E	44	Feb	966.3	5.01	48.41		
		75	Mar	1001.1	5.02	50.26		
		105	Apr	1012.1	4.84	48.99	3518.0	174.53
Shulters, H. V., Merrifield Farm, Mentor, Ohio.								
Itchen Daisy of Merrifield Farm 220903	G	311	May	966.2	5.73	55.36	8741.2	450.22
Itchen Daisy of Morrow 106929	A	174	May	1198.9	4.68	56.11	9304.4	345.38
Merrifield Belle 220445	G	128	May	683.4	5.25	35.88	3053.6	135.36
Nancy Newport 192545	D	151	May	1138.3	5.57	63.40	6107.0	300.41
Pet of Merrifield Farm 220904	G	185	May	1210.8	4.76	57.63	7649.2	332.19
Pet's Surprise 151433	A	307	May	561.3	5.63	31.60	8539.9	410.93
Russellhurst Ultra Rose 143139	A	273	May	1006.6	5.18	52.14	11190.9	556.01
Skaar, Carlyle T., Pine Ridge Farm, Hayward, Minn.								
Pine Ridge Rosebud 187691	D	135	May	984.5	5.05	49.72	4302.9	215.14
Yellow Rose of Pine Ridge 148833	A	190	May	1074.2	5.04	54.14	6899.3	343.66
Skaar, Chris, Pine Ridge Farm, Hayward, Minn.								
Pine Ridge Bell 172366	B	208	May	892.9	4.94	44.11	6685.0	373.47
Pine Ridge Gaye 214527	G	216	May	714.0	5.35	38.20	5595.6	303.90
†Pine Ridge Longing 229222	G	170	May	653.5	5.57	36.40	4038.0	215.94
†Pine Ridge Pet 158782	B	203	May	946.9	4.95	46.87	6755.4	349.56
†Pine Ridge Victory 226178	G	113	May	786.0	5.28	41.50	3027.5	154.43
Soquet, R., Allouez Guernsey Farm, Green Bay, Wis.								
Allouez Betty Girl 185950	E	348	Apr	712.9	5.59	39.85	9736.5	506.13
Allouez Grace Frances 149371	A	365	Apr	751.9	6.75	50.75	12896.6	757.2
†Allouez May 173502	B	168	Apr	857.7	5.21	44.69	5525.4	274.92
Allouez Sophie 215403	G	148	Apr	741.9	5.18	38.43	3857.3	200.34
Carlotta of Fern-Dell 206081	F	151	Apr	928.5	4.79	44.48	5023.0	208.14
Pergue's Gloria Marie 106595	A	365	Apr	41.9	5.06	2.12	11628.9	572.0
Soquet, R., Mrs., Allouez Guernsey Farm, Green Bay, Wis.								
†Carthaginian's Floss of Fern-Dell 218846	F	30	Apr	792.4	5.38	42.63		
s. Atamannsit Carthaginian 85021		d. Flossie Gypson 51418 A. R. 13399						
Sparks, J. H., North View Farm, Advance, N. C.								
Cherry Lou 216990	G	289	May	648.4	5.83	37.80	6467.1	344.81
Stone, Carrie M., Great Hill Farm, Marion, Mass.								
Great Hill's Marie 221434	G	85	May	971.0	4.48	43.50	2705.7	124.88
Great Hill's Marshflower 221437	G	61	May	1276.1	4.77	60.87	2436.5	115.29
Great Hill's Mazie 155485	A	212	May	645.4	5.28	34.08	5335.2	306.74
Great Hill's Minuet 204471	G	365	May	202.6	5.85	11.85	10095.4	529.5
Great Hill's Peggy 138325	A	334	May	637.7	6.48	41.32	9505.3	532.02
Great Hill's Virginia 155487	A	120	May	1083.2	5.08	55.03	4223.9	213.29
Stout, F. D., Mrs., Lone Pine Farm, Angus, Wis.								
†Lone Pine Royal Lola 17063	B	61	May	1099.0	5.81	63.85	2228.2	123.13
†Lone Pine Silver Chime 168954	B	83	May	921.6	5.04	46.45	2584.4	122.11
†Prince Hannibal's Daisy 197166	D	83	May	996.5	5.25	52.32	2620.5	126.54
Sunbury Milk Products Co., Sunbury, Pa.								
†Grace Luella 121859	A	247	Apr	914.7	5.15	47.11	8698.1	437.24
Sweeney, James T., Barberry Heights Farm, Dalton, Pa.								
Cherub's May Queen of Riverside 227028	B	203	Apr	977.7	3.91	38.23	7532.0	315.95
Lasswade Cherub's Cissy 152828	A	316	Apr	460.0	5.65	25.99	9273.9	436.33
Strongheart's Promise of Utility 172845	B	26	Feb	747.2	4.33	32.35		
		57	Mar	900.1	4.95	44.55		
		87	Apr	823.0	4.37	35.97	2470.3	112.87
s. Strongheart of Maple Hill 73221 A. R.		d. King's Hazel of Utility 92017 A. R. 10671						
Talmage, John F., Audley Farms, Mendham, N. J.								
Imp. Blanchette of Bickleigh 239229	G	27	May	1015.8	4.30	43.68		
s. Imp. Bickleigh Chieftain VII. 140783		d. Bickleigh Baroness IV. R. G. A. S. 23510 P. S.						

†Imp. Corinne of Les Grantes 226870	D	151	May	891.6	4.90	43.69	4528.7	226.41
Cynthia of Audley 137771	A	365	May	328.4	5.50	18.06	9357.4	495.0
Imp. Daisy of St. George's 263643	D	151	May	1259.9	4.89	61.61	6461.2	324.36
†Faircourt's Goldendream 181342	D	105	May	994.4	4.42	43.95	3434.8	149.49
*Imp. Fanny's Queen Valentine of Melrose 175179	B	14	Apr	603.2	4.33	26.12		
		45	May	1695.7	3.83	64.95	2298.9	91.07
s. Imp. Coventry Valentine's Honour 104965 A. R.			d. Fanny's Queen of Moinerie R. G. A. S. 17090 P. S.					
†Glenwood Beauty of Oaklee 122742	A	199	May	911.6	4.37	39.84	7049.8	300.76
Imp. Jessie V. of the Marette 275204	B	28	May	1169.7	4.38	51.23		
s. Imp. Bickleigh Noble III. 135932			d. Minnie III. R. A. A. S. 1429 P. S.					
†Imp. Lily of la Godaine 175150	A	174	May	1157.0	4.11	47.55	7198.3	292.79
Imp. Ozanne Daisy Bee 214439	A	112	May	1164.7	6.24	72.68	4692.0	268.01
†Primrose of Oaklee 116077	A	111	May	1279.5	4.12	52.72	4483.7	193.00
Imp. Princess of Bickleigh 201431	A	263	May	1032.1	4.51	46.55	9779.2	428.33
†Snappyquos of Oaklee 173476	A	113	May	947.6	5.45	51.64	3756.6	201.74
Sunnybrook Noble Lady 175563	C	174	Apr	1142.2	5.58	63.73		
		205	May	1098.3	5.11	56.12	9586.0	468.97
Imp. Unity's Molly 226848	A	182	May	1109.4	5.03	55.80	6823.7	356.48
Imp. Valentine of Vale Vue 201441	B	161	May	1418.2	4.72	66.94	7673.9	328.79
Ten Eyck, Peter G., The Indian Ladder Farm, Altamont, N. Y.								
Indian Ladder Aristocrat's A. Picture 164548	B	204	May	575.4	5.77	33.20	4210.4	217.44
†Indian Ladder Aristocrat's A. Rose 190574	D	82	May	920.2	4.00	36.81	2601.8	99.71
Indian Ladder Aristocrat's Elsie 204271	F	225	May	696.4	6.11	42.55	4792.8	265.83
Indian Ladder Aristocrat's Re-echo 196136	F	320	May	828.7	4.65	38.53	8861.9	383.74
†Indian Ladder Aristocrat's Violet 200404	F	273	May	616.3	6.50	40.06	6212.3	350.88
†Indian Ladder Perfecter's Art's Daisy 218192	G	108	May	792.6	4.35	34.48	3008.3	135.30
†Indian Ladder Perfecter's Violet 221124	G	81	May	856.6	4.34	37.18	2328.8	98.89
†Indian Ladder Violet's Art's Peony 218191	G	92	May	795.0	4.49	35.70	2432.4	111.34
Tenney, D. D., Shorewood Farm, Crystal Bay, Minn.								
Cherub's Felice of Shorewood 220857	G	116	May	1044.3	5.36	55.97	4022.4	207.55
Cherub's Minuet of Shorewood 209820	G	322	May	836.8	6.11	51.13	9611.7	521.22
Cherub's Royal Gem of Shorewood 216535	D	364	May	567.6	6.50	36.89		
		365	June	17.6	6.50	1.14	9119.9	583.1
Royal's Alpha of Shorewood 232533	G	10	Mar	361.2	4.56	16.47		
		40	Apr	1252.3	4.56	57.10		
		71	May	1284.1	4.07	52.26	2897.6	125.83
s. May Royal of Shorewood 110403			d. Imp. Moss Rose XI. of the Barras 67708					
Shorewood Coralette 244525	G	25	Apr	801.3	4.00	32.05		
		56	May	1071.1	3.81	40.81	1872.4	72.86
s. Cherub's Monsieur of Procris Shorewood 98852			d. Cherub's Cora of Shorewood 83706 A. R. 9683					
Shorewood Favorite 234373	G	116	May	818.8	6.47	52.98	3117.3	189.99
Shorewood Honoria 212513	G	310	May	868.1	6.20	53.82	9285.6	521.93
Thomson, Frank Graham, Brookmead Farm, Devon, Pa.								
Brookmead's Daylight 243250	G	16	Mar	447.9	4.01	17.96		
		46	Apr	827.4	4.14	34.25	1275.3	52.21
s. Langwater Master Fred 51494 A. R.			d. Brookmead's Dawn 133160					
Brookmead's Hilda 146769	A	316	Apr	650.8	5.59	36.38	8460.4	436.94
Imp. Dulcie of Brookmead 253783	A	283	Mar	728.7	5.82	42.41	8278.2	441.25
Imp. Jeanne of Brookmead 253796	E	210	Apr	943.7	4.43	41.81	6592.7	283.53
Ticknor, R. B., Arbetee Guernsey Farm, Centralia, Wash.								
Dolores of Anchor Farm 143933	A	175	May	719.1	5.00	35.96	4727.3	233.46
Gloria Fanchon of Aldermead 141415	A	191	May	813.6	4.03	32.79	5667.9	235.78
Patricia of Anchor Farm 162230	A	70	May	1531.0	4.66	71.34	3321.7	163.93
Tinkham, H. L., Rambleton Farm, Buzzards Bay, Mass.								
Rambleton Dinah 212982	G	293	Apr	449.3	6.50	29.20	7260.8	392.79
Rambleton Princess 214355	G	242	Apr	648.4	6.03	39.10	5830.7	307.40
Rambleton Rose-Cherub 217538	G	143	Apr	604.6	6.05	36.58	3127.8	183.36
Toomey, H. C., Spring Lake Farm, North Wales, Pa.								
†Meadows Farm Laurette 208132	G	304	May	475.8	6.28	29.88	5735.7	283.13
Meadows Farm Maybud 208134	G	355	May	451.5	6.89	31.11	6561.2	349.10
Meadows Farm Prejudice 208133	G	312	May	432.5	5.89	25.47	6186.6	316.83
†Meadows Farm Queen Ann 208131	F	176	May	527.6	6.63	34.96	3191.9	175.98
Tramm, H. W. A., Lindendale Farm, Chehalis, Wash.								
†Winnie Winkle of Orchard Hill 138074	A	198	May	1049.2	4.77	50.05	7885.3	440.70
Tucker, Gertrude L. C., Elgercon Farm, Willoughby, Ohio.								
†Betty Ann of Elgercon 214183	G	212	May	841.3	5.19	43.66	5831.1	294.61
Briar Rose of Elgercon 186563	C	52	May	1255.4	4.31	54.11	2029.6	85.23
*Dawn's Mignon of Elgercon 139905	A	21	Dec	976.5	5.02	49.02		
		52	Jan	1477.8	4.98	73.59		
		80	Feb	1240.7	5.10	63.28		
		111	Mar	1250.4	4.94	61.77		
		141	Apr	1210.1	4.95	59.90		
		172	May	1180.1	5.42	63.96	7335.6	371.52
s. Upland's Vaillant 57173 A. R.			d. Dawn of Elgercon 61096 A. R. 13920					
†Fanchette of Elgercon 124282	A	148	May	1363.1	5.54	75.52	7126.9	366.35
Fern of Elgercon 98465	A	120	May	1238.7	4.86	60.20	5037.2	228.42
†Jeanette of Elgercon 214185	G	282	May	569.2	6.23	35.46	5621.6	306.58
Marigold of Elgercon 137240	A	144	May	1591.2	4.79	76.22	7727.1	357.87
Sylvia of Elgercon 126753	A	92	May	902.5	4.76	42.96	2731.7	123.46
Twombly, Ruth V., Florham Farm, Madison, N. J.								
Florham Bella 139725	A	261	May	1117.8	5.74	64.16	10811.9	625.68
Florham Eleanor 217379	G	143	May	1139.7	4.91	55.96	5672.3	269.71

Florham Maretta 176314	B	4	Mar	160.9	4.84	7.79		
		34	Apr	1538.1	4.84	74.44		
		65	May	1538.8	4.93	75.86	3237.8	158.09
s. Falstaff's Warrior of Florham 84747 A. R.		d. Florham Cynthia 137597 A. R. 17328						
Florham Sybarita 218109	G	289	May	913.3	5.27	48.13	9263.2	485.85
Florham Winsome 219845	G	175	May	972.3	4.67	45.41	5642.4	251.36
Valley Gem Farms, Arlington, Wash.								
†Nixie of Valley Gem 163739	B	281	Apr	290.3	4.93	14.31	7990.5	325.31
†Phyllis of Valley Gem 189614	E	281	Apr	512.2	6.14	31.45	6474.9	369.00
†Primrose of Valley Gem 174816	C	166	Apr	991.7	5.00	49.59	6675.2	329.91
*†Salome of Valley Gem 189616	D	13	Mar	450.6	4.70	21.18		
		43	Apr	1262.5	4.70	59.34	1713.1	80.52
s. Mixter Senator 96930		d. Gana Anna of Valley Gem 147057 A. R. 18800						
†Sheila of Valley Gem 189615	E	305	Apr	310.7	5.32	16.53	6647.3	310.2
Sincerity of Valley Gem 208492	F	288	Apr	363.8	5.50	20.01	6125.5	313.48
†Valley Gem Sachet 222847	G	158	Apr	527.0	5.11	26.93	3135.9	162.37
†Valley Gem Sunshine 222850	G	73	Apr	732.8	5.15	37.74	1832.4	84.48
†Valley Gem Sweetheart 231362	G	190	Apr	466.7	5.79	27.02	3656.5	207.55
†Valley Gem Sympathy 231363	G	140	Apr	536.3	5.98	32.07	2732.6	156.99
Wadley, A. C., Wendmere Farms, New Market, N. J.								
Planet's Victoria 174591	D	365	May	216.1	5.44	11.76	10418.9	578.6
Valentine's Election 196180	F	240	May	795.1	4.86	38.64	7282.9	331.13
Wendmere Nora 203157	F	96	May	1150.6	3.95	45.45	3350.9	130.62
Warburg, Felix M., Woodlands Farm, White Plains, N. Y.								
†Woodlands Bella 130122	A	75	Apr	1161.0	3.89	45.16	2745.4	119.41
Woodlands Joy 185279	D	181	Apr	548.2	4.38	24.01	4816.3	220.40
†Woodlands Juanita 139644	A	239	Apr	599.5	4.85	29.08	7312.8	357.26
Ward, Julius E., The Gilbert Guernsey Farm, Stockton, N. J.								
*Beauty of Gilbert Farm 185108	D	15	Mar	528.9	3.71	19.62		
s. Langwater Herald 79777 A. R.		d. Coventry Ultra Bright 124475 A. R. 16176						
Imp. Blanche's Maid of the Niaux 189823	B	15	Mar	530.0	4.55	24.12		
		45	Apr	1066.2	4.20	44.78		
		76	May	1041.6	4.14	43.12	2637.8	112.02
s. Imp. Queen's Leader 112899 A. R.		d. Blanche III. of the Niaux R. G. A. S. 10706 P. S.						
Coventry Tondeleyo 173875	C	95	Apr	861.2	3.86	33.24		
		126	May	875.1	3.78	33.08	3809.9	149.28
Poundstock's Honoria of Gilbert 215053	G	125	Apr	715.2	4.86	34.76		
		156	May	730.2	5.05	36.88	3883.1	184.60
Washington State College, Pullman, Wash.								
Snowflake of Chicona 176644	C	146	Apr	847.6	5.30	44.92	5127.4	264.53
Whipple, Sherman L., The Forges Farm, Plymouth, Mass.								
†Horatius' Ella of The Forges 191414	D	82	May	1067.1	3.90	41.62	2867.4	114.96
†Horatius' Jessie of The Forges 192582	D	182	May	697.1	4.00	27.88	5120.5	208.01
King's Dakota of The Forges 227002	G	131	May	1034.6	3.91	40.45	4302.8	164.46
†May Girl of The Forges 173683	C	207	May	743.4	4.76	35.39	5784.7	270.91
Nellie of The Forges 137798	A	74	May	1351.7	4.37	59.07	3298.3	142.39
†Princess of The Forges 137796	A	115	May	1119.0	5.27	58.97	4395.1	221.81
River Bend Ruby 86707	A	291	May	955.9	5.61	53.63	9719.8	530.62
Ruby's Saint Pat of The Forges 201122	G	365	May	78.1	5.82	4.55	8746.6	441.6
White, George M., Gayhead Guernsey Farm, Coxsackie, N. Y.								
Foremost's Adrian 168880	B	365	May	610.0	5.69	34.71	11217.9	568.4
Gayhead's Dahlia 231059	G	137	May	1063.0	5.15	54.74	4845.6	245.06
*Gayhead's Honeysuckle 182706	C	23	Mar	1358.9	4.30	58.43		
		53	Apr	2057.9	4.30	88.49		
		84	May	2156.7	4.27	92.09	5573.5	239.01
s. Gayhead's Knight 71946 A. R.		d. Gayhead's Pretoria 114133 A. R. 19479						
Gayhead's Immortelle 206426	G	354	May	1057.9	4.74	50.14	11526.6	562.85
Gayhead's Ivy 167013	B	296	May	795.3	5.07	40.32	8234.8	400.70
Gayhead's Ixia 186324	D	235	May	1072.7	5.01	53.74	7451.1	364.13
*Gayhead's Lady in Waiting 137545	A	15	Mar	904.3	4.64	41.96		
		45	Apr	1664.8	4.64	77.25	2569.1	119.21
s. Langwater Africander 57121 A. R.		d. Kathryn of Wasteland 62664 A. R. 10511						
Gayhead's Mignonette 249389	G	155	May	1088.4	5.20	56.60	5468.1	264.86
*Gayhead's Ultra Hope 177891	B	5	Mar	195.4	3.81	7.44		
		35	Apr	1506.7	3.81	57.41		
		66	May	1645.6	3.92	64.51	3347.7	129.36
s. Gayhead's Ultra May King 40432 A. R.		d. Gayhead's Hope 131933						
White, L. S., White Farms, Cairo, N. Y.								
Bertha of White Farms 2d 214503	F	127	May	1205.3	4.86	58.58	5149.5	229.62
Dairy Maid of White Farms 3d 215354	G	200	May	1273.3	4.51	57.43	8300.0	354.07
Dot of White Farms 172568	C	157	May	1332.1	4.67	62.21	6975.6	320.07
Frances of White Farms 215355	G	217	May	1287.9	5.67	73.02	8525.6	433.62
Viola of White Farms 222626	G	196	May	920.0	5.78	53.18	6083.6	324.84
Whitney, C. L. A., Wyebrook Farm, Loudonville, N. Y.								
Wyebrook Brilliant Glow 233377	G	221	May	976.2	5.04	49.20	7275.3	361.70
Wyebrook Brilliant Maid 188203	D	86	May	1425.2	4.09	58.29	4203.8	188.19
Wyebrook Sunlight 233378	G	134	May	1131.5	4.85	54.88	4940.7	232.55
Whittier, Albert R., Indian Line Farm, Ponkapog, Mass.								
Dionis of Bayside 126312	A	182	May	1193.1	4.98	59.42	7629.0	364.58
Goldie May 151849	A	177	May	1158.4	4.83	55.95	7126.4	292.13
Lady Nilo of Foster Farm 112806	A	54	May	1443.5	5.10	73.62	2441.0	118.01
Upland's Belle 84445	A	182	May	976.7	4.88	47.66	6640.7	288.35

Wickersham, W. B., Willowdale Farm, Kennett Square, Pa.								
Pansy Starlight 2d 222413	E	120	Apr	990.3	5.30	52.49	4558.7	252.16
Wilderson, C. G., Myrna Maree Farm, Leetonia, Ohio.								
Search Light's Fanny of Myrna Maree Farm 211088	F	105	Apr	1003.0	4.60	46.14	3802.5	168.10
Wilkie, J. L., Forge Hill Farm, New Windsor, N. Y.								
Forge Hill Laddie's Ethelinda 225104	G	252	May	874.3	5.25	45.90	7069.0	352.16
Forge Hill Laddie's Molly 225101	G	340	May	859.4	6.37	54.74	9410.5	526.06
Forge Hill Laddie's Princess 225105	G	252	May	729.2	5.53	40.32	6255.8	322.18
Forge Hill Laddie's Verette 225102	G	328	May	690.7	7.06	48.76	6917.1	428.38
Waddington Polly 210753	G	169	May	930.7	6.02	56.03	5791.9	305.11
Wilkins, Charles A., Mound City Farm, Platteville, Wis.								
Marion of Mound City 171679	B	147	May	1203.4	4.02	48.38	6107.8	253.38
Ruby of Mound City 128558	A	11	Mar	423.2	4.75	20.10		
		41	Apr	1295.7	4.75	61.55		
		72	May	1290.5	4.56	58.85	3009.4	140.50
s. Upland's Fame 61390 A. R.	d. Primrose of Mound City 102303 A. R. 14141							
Sweet Marie of Mound City 207547	E	4	Mar	143.1	4.64	6.64		
		34	Apr	1291.4	4.64	59.92		
		65	May	1376.4	4.38	60.29	2810.9	126.85
s. Lone Pine Absolute 70250 A. R.	d. Mary of Mound City 150011 A. R. 19810							
Williams, H. F., Monroe ville, Ohio.								
†Jesona of Bonus Farm 174048	C	201	May	588.1	4.75	27.93	5732.3	281.72
†Musketeer's Helen of Lyme 220769	G	249	May	528.1	5.55	29.31	4944.0	254.01
Williams, Richard E., Nakoma Farms, Fairport, N. Y.								
†Elsie Daisy of Walnut Lawn 237556	G	9	Apr	174.3	3.70	6.45		
		40	May	728.2	3.70	26.94	902.5	33.39
s. Fisherman's Mintmaster of Indian Bridge 49361	d. Proud Don's Elsie of Walnut Lawn 124788							
Winston, J. O., Saugerties Farm, Saugerties, N. Y.								
Brooklandwood Dora 194685	F	252	May	1007.0	5.32	53.57	8087.5	415.33
Coventry Herald's Gem 182361	D	16	Mar	779.1	4.34	33.81		
		46	Apr	1557.7	4.32	67.29		
		77	May	1477.3	5.16	76.23	3814.1	177.33
s. Langwater Herald 79777 A. R.	d. Imp. Gem's Pride of the Gron 160500 A. R. 17952							
Ledgetop Joy-Maid 205220	G	297	May	1049.7	4.15	43.56	9278.4	405.92
Saugerties Flower Girl 189426	D	29	Mar	1060.2	4.43	46.97		
		59	Apr	987.7	5.46	53.93	2047.9	100.90
s. Florham Laddie 20431 A. R.	d. Saugerties May Flower 89085 A. R. 14234							
Saugerties Lucy Lloyd 219950	G	205	May	828.6	6.48	53.69	5747.4	354.01
Saugerties Ultra Rose Lady 214502	F	151	May	903.0	5.72	51.65	4431.5	228.24
Saugerties Ultra Rose May 139791	A	361	May	840.0	5.53	46.45	13192.7	656.52
Westview Suzanne 167541	A	269	May	1160.2	5.86	67.99	10450.7	575.58
Winston, T. S., Winston Farms, Midlothian, Va.								
†Winston Farms Blossom 196502	G	305	Nov	53.9	4.90	3.18	6179.6	284.6
†Winston Farms Cherry 166321	B	89	Apr	1064.2	5.48	58.32	3293.2	168.80
†Winston Farms Folly 142250	A	116	Apr	915.1	4.73	43.28	4016.8	188.53
†Winston Farms Gertrude 166319	B	9	Mar	329.2	4.85	15.97		
		39	Apr	1034.4	4.85	50.17	1363.6	66.14
s. Bonito's Foremost 93451 A. R.	d. Albamont Gertrude 81024 A. R. 16778							
†Winston Farms Virginia 195496	E	56	Mar	867.0	3.62	35.01		
		86	Apr	851.5	3.87	32.95	2648.6	110.54
Winter, Albert, Mahwin Farm, Mahwah, N. J.								
Highland Victoria 157712	A	121	May	1176.9	5.39	63.43	5312.9	284.08
Wisconsin, University of, Madison, Wis.								
May's Mavis 192366	D	108	May	734.8	5.66	41.59	3045.0	159.31
Witschi, Edward, & Bricker, R. L., Wauseon, Ohio.								
Edinham's Pauline Charity 215920	G	151	Apr	908.6	4.29	38.98	4714.6	200.86
Woestendiek, William A., Saugerties, N. Y.								
Florina of Woodland 111508	A	259	May	955.0	4.58	43.74	9588.6	459.35
Yost, Samuel, Oakwood Farm, Stillwater, Pa.								
Oakwood Springtime 174452	B	113	Apr	1061.9	5.32	56.49	4250.9	213.41
Zell, Arthur Stanley, Thornton Farm, Riderwood, Md.								
Thornton's Cinderella 204643	F	218	May	775.2	5.55	43.02	6626.7	355.46
Thornton's Maid of the Mist 212866	G	234	May	924.0	5.46	50.45	7213.3	396.81
Thornton's Melody 218642	G	222	May	1370.1	4.03	55.22	10365.6	423.30
Thornton's Ultra Snowflake 218643	G	215	May	1003.0	4.97	49.85	7063.5	335.04
White's Iris 138209	A	153	May	1436.5	4.65	66.80	7616.2	333.13
Ziesing, August, Thorn Hill Farm, Deerfield, Ill.								
Aristocrat's Maggie of Thorn Hill 166471	A	47	May	1326.7	6.15	81.59	2058.4	128.20
Commander's Mag of Thorn Hill 190052	D	112	May	894.1	4.43	39.61	3459.2	161.74
Meadowood Rose's Patricia 206306	F	248	May	960.9	6.37	61.21	7871.0	441.28
Pretty Maid of Thorn Hill 198662	F	258	May	999.0	5.24	52.35	8877.1	424.53
Ruby's Victoria of Thorn Hill 136390	A	352	May	431.9	7.06	30.49	9507.2	556.43
Warrior's Judy of Thorn Hill 166472	B	197	May	1030.4	5.64	58.11	7836.7	400.09

MERITORIOUS GRADE GUERNSEY

Russell, B. F. W., Old Town Farm, Peterboro, N. H.								
Buttercup B. of Old Town Farm	G	247	Apr	260.3	5.50	14.32		
				337.0	4.84	16.31		
		278	May	913.2	4.84	44.20	7256.8	364.88

TRANSFERS

List of Guernsey Transfers from May 15, 1929, to May 31, 1929, Inclusive

First Animals Being Purchased by New Breeders

BULLS

ALABAMA

Bertha's Warrior Cyclop 159822—State of Alabama-Kilby Dairy Farms to Sam Fisher, Hope Hull

ARIZONA

Copper State Paul 147791—Henderson Stockton to Clinton Campbell, Pheonix

CALIFORNIA

Billy Go Round 151444—Joe Gisler to Wisher Bros., El Centro
Farmhill Advocator 158462—Mrs. Henry R. Rea to Addison Mizner, Monterey
Garfield of Sycamore Farm 152746—Russell S. Cox to Hubbard & Winn, Bonsall
George of Three Oaks 163324—Henry Skidmore to R. W. Peckenpaugh, Porterville
Glen of Adohr Farms 163492—Adohr Stock Farms to V. C. Campbell, Lompoc
Monarch of Sycamore Farm 150379—Russell S. Cox to Thomas A. Evans, Escondido

COLORADO

Pioneer Hector 159444—Est. W. A. Ewing to Glen Springer, Boulder

CONNECTICUT

Amaryllis' U. H. of Clapboard Hill 140749—H. C. Griffiths to Konrad Bercovici, Ridgefield

GEORGIA

Guernsey Hill Pal 163554—M. C. Ball to Mrs. Louise M. Watt, Camilla
Noble Son of Central Heights 153429—J. M. Coker to Etowah Farms, Inc., Canton
Pet's Ultra Victor 89096—National Pecan Groves Company to D. F. Jones, F. E. Johnson and E. D. Hopson, Hawkinsville
Pet's Ultra Victor Jr. 163375—D. F. Jones, F. E. Johnson and E. D. Hopson to J. L. Mims, Hawkinsville
Ranger of Mileybright 133458—J. M. Coker to Etowah Farms, Inc., Canton
Vanity's Sterling 153831—J. M. Coker to Etowah Farms, Inc., Canton

IDAHO

Beauty's Roland of Winbrook 97420—Earl Bainbridge to T. W. Moore, Mountain Home
Big Boy of Idagold 163508—Vance Naylor & sons to J. A. Bradley, Twin Falls
Cyrus of North View 156400—A. H. Nihart to Perry Howard, Buhl
Judge of North View 155583—A. H. Nihart to H. P. Hansen, Filer
Louder of Black Canyon 163388—Robert Burlingame to J. L. McReynolds, Nampa
Major Bob of Idagold 163509—Vance Naylor & Sons to J. I. Tolman, Murtaugh
Pollyanna's Duke of Pinewood 162419—F. L. Cochrane to James Marrow, Kootenai

ILLINOIS

August Prince of Little Platt 158410—Charles Tippett to Robert M. Virtue, Elizabeth
Badger Boy of Red Oak Farm 155212—S. S. Denney to Ralph Tarvin, Ludlow
Favorite's Choice Boy 163038—S. R. Roth to Fred A. Weihmeir, Hopedale
Gladys' King of Colusa 163694—George W. Hubbard to H. L. Blythe, La Harpe
Hap B.'s Ultra Select 159388—L. E. Stuckey to C. F. Luzader, Nokomis
Lindenhurst Champion 160055—Ernst E. Lehmann to Charles Hess, Beardstown
Maggie's Prince of Herodale 163731—Est. James H. Beirne to Eugene Bohlin, Elgin
Maran of Appleworth 163065—Applebee & McCurley to J. W. Arnold, Arnold
Mount Hope Premier 154893—E. Parmalee Prentice to Hillis French, Sumner
Queen's Sailor 163191—Edith Shrimplin to Robert V. Eastburn, Sheldon
Senor Elect 144539—Bartz Bros. to T. E. Johnson, Norris City

INDIANA

Ash Grove De Lux 163704—Mildred McCauley to Claude C. McCauley, Wingate
General Badger 160233—Otto W. Post to C. J. Fernslee, Union City
Glen of Chester Guernsey Farm 158469—Reff & Meyer to Jacob J. Klopfenstine, Bluffton
Horatio Royal Cherub 156392—Elmer H. Roesner to A. T. Capehart, Otwell
Itasca's Pride 163052—L. C. Myers to Henry & Jesse Zechiel, Culver
Masher's Pete 163397—Charles E. Gorham to Lee Henwood, Syracuse
Meter Laddie 148055—Irven Badskey & Son to Guy Grube, Huntington
Mike of Edgewater Home 162047—Eugene Steinaker to Mike Lang, Burnettsville
Robinwood's Nadine's Prim 157505—Margery C Johnson to Spencer & McVicker, Upland
Shoreland Neptune 127911—L. B. Stevens to L. H. Kessler, Delphi

IOWA

Adarene's Red Wing 146587—R. P. Keith to J. M Christopher, Eagle Grove
Bold Boy 155128—H. A. Sauer to J. J. Prochaska, Superior
Cecil's Chief 147957—George Hoeger to William Voyek, Waucoma
Dandelion's Pride 163790—Erwin Orth to H. F. Krueger, Tripoli
Dandy Bird of Sunny Dale 163786—H. F. Gensicke to E. E. Carver, Center Point
Dewalt Adarene 159693—Ray Hanson to M. T. Slagel, Farnhamville
Elmo's Dawn of the Elms 163691—Est. Harry E Brooks to Robert Steingaeber, Burlington
Hans Victor of Woodland 147881—Harry Pell to Hugh M. Chapell, Rockwell City
Joe of Elmwood Farms 163114—Arnold Pancratz to Sam Snodgrass, Dubuque
Lucy's Chieftain of City View 163089—J. H. Clover to A. E. Queisner, Montrose
Maisie's Rouge King 163796—F. H. Logsdon to W. D Frey, Calmar
Marydale Jackie 163723—J. H. Bickert to Lloyd Bishop, Lovilia
Mound City Chief 159166—Charles A. Wilkins to B. C. Chambers, Sibley
Star's Sandy Rose's Infusion 163305—R. C. Zeller to J. T. Windforn, Kalona
Warrior's Prince of Vigilance 155352—Paul Stroud to A. Cubit, Oskaloosa
Yeksa Q. Heart 154851—W. B. Quarton & W. H. Bosworth to G. F. Davis, Sac City

KANSAS

Carmo of Fern-Dell 139900—D. E. Quakenbush to Fred R. Paschel, Lawrence
Everready of Fern-Dell 146646—William Larsen Canning Co. to D. E. Quakenbush, Baldwin City
Fairmount Golden Secret's Adam 163501—J. R. Banwart to T. D. Cunningham, Fort Scott
Fairmount Golden Secret's Adam 163501—Francis Blubaugh to J. R. Banwart, Fort Scott
French Lick 163240—A. D. Hostetter & Son to Arthur Rockhold, Baldwin
Lorraine's Dauntless of Ransom Farm 119854—P. W. Stiffler to J. E. Stevenson, Fort Scott
Maypole of Hall Farm 163071—W. C. Hall to Ellis L. Barnhart, Coffeyville

KENTUCKY

King of Sugar Grove 163173—C. R. Youngman to Pearice Bros., Anchorage

LOUISIANA

Marshall Foremost 149817—Clarence Ellerbe to Louisiana & Arkansas Railway Co., Shreveport
Rex's Masher of Maple Hill 155521—Fruit Bros to L. E. Morgan, Baton Rouge

MAINE

Edith's Cavalier 150257—Walter R. Berry to J. K. Perry, Pownal
Forest Maid's Bonanza Chief 163176—Warren B. Clark to K. L. Willis, Harmony
Happy Boy of Maple Tree Farm 159022—Fred Ploshnig to Elmer Gray, Strong
Rays Butter Ball 162885—M. S. Fuller to S. A. Crawford, Albion
Royal Combination of Hayford Farm 142810—Donald L. Wadlin to Gay E. Holmes, Belfast

MARYLAND

Chevalier's Blossom 152555—Samuel Berg to B. Clay Coppage, Church Hill
Fox Point of Lystra 145150—Norman Stump to Carl Reeves, Bel Air
Grove Farm Radiata 159357—George Brown, Jr. to John H. Zouck, Glyndon
Herbert of Pauline's Wood 163663—August H. Vogel to Mrs. Jessie M. Vogel, Havre de Grace
Lister of Pioneer Point 163661—Mrs. Helena S. Raskob to Bishop Lister, Centerville
May Boy of Spring Valley 163192—George J. Schwartz to Mervin L. Eyler, Harney
Mollie's Bonny Boy 162604—W. J. Martin & Son to L. Hollister, Denton
Patsy's Pride of Rose Hill 163548—O. B. Burrell to Harry N. Bolton, Galena

MASSACHUSETTS

Benny of Brookside Farm 156072—Harry O. Tinker to Franklin Howard & Son, Northampton
Rosemead Dairyman 131801—Est. J. E. Rothwell to Peter P. Balchunas, Bridgewater
Shadow Farm Stalwart 124208—Arthur W. Smith to John J. & James J. Forrest, Methuen
Sultan of Ware 163317—George H. Timmins to F. A. Reed, Greenfield

MICHIGAN

Bamisk Obisod of Ogima 163017—Charles T. Lathers to Kenneth Lavigne, Aloha
Dorothy's Rex of Climax 163493—Richard Barber to Charles J. Hafner & Son, Climax
Fern's Cherub of Northland 159419—M. J. Wrolstad to Samuel Rhodes, Coldwater
Governor of Lilliberk Farms 163310—J. F. Berkheimer to H. D. Oberlin, Allen
Hoover of the White Cedar 162557—Ed Markillie to Charlie Sterling, Paw Paw
Jasper of Norwalk 163658—Porter Myers to Herb. Garey, Chief
Kirby's King of Geloster Farm 163478—Harold P. Gilkey to Fred Simmons, Richland
Lansing's King 148765—John Barger to Jake Gaukel, Lake City
Lila's Elect of Pickford 153786—B. Smith & H. Blair to Rueben M. Sherlund, Cedarville
Master's Blissfield 157353—L. A. Cribbs & Son to Walter M. Schwarm, Nessen City
Meadow-Gold Justice 154619—William S. Ormston & Son to Bechler & Turner, Pigeon
Missaukee Napoleon 163560—Arthur M. Smith to Elmer Knapp, Lapeer
Peach's King of Geloster Farm 163479—Harold P. Gilkey to Howard McKenzie, Cassopolis
Prince John of Royal Oak Farms 163496—John Ahrens & Sons to Andrew J. Johnson, Fruitport
Revere of Bass Lake Farm 163094—J. B. McGilvray to W. C. McKinney, Davisburg
Sonny Boy of the Gearing Farm 163395—Otis M. Gearing to E. G. Richcreek, Decatur
Topaz Sir Hope 157817—Rudolf Stindt to Fred Brocmer, Green

MINNESOTA

AlRoSch Sunlight Ultra King 153899—Mrs. Albert R. Schwenke to Ned Healy, Mapleton
Bandot 157993—Herman Wessel to Joe Lemski, Perham
Bonnie Boy of Summit Park 162052—Annie L. Bowman to Fred Eiden, Cologne
Buddie of Lakeside 163502—Joseph Sicheneder to August Luebke, Jr., Mayer
Cavalier of Shady Lane 153310—T. P. Peterson to Albert Hansen, Bixby
Clinton of North Kingston 155119—M. A. Leppa to John Rokkala, Dassel
Cora's Tom of Oak Grove 163552—Herman Strese to Edward Martin, Rosemount
Craigamoor King Carlmur 162572—Est. George C. Cooper to J. W. Murker, Meadowlands
Donald McD. of Glengarry 162455—Augusta Sarff to Gerhard Bentler, Randall
Duenota's May King 93387—University of Minnesota to Herbert W. Jones, Minneapolis
Emperor Napoleon 124866—Victor A. Tenney to Rudolf Waber, Elysian
General Bright 163481—Olaf Elness to George Freudenberg, Parkers Prairie
Golden Itchen of Brookside 134891—L. R. Danger to Arthur C. Larson, Milaca
Golden Rose King of Sago 153602—Gust R. Korhonen to Consta Luoma, Floodwood
Governor Jewel of Valley View 158847—W. H. Kopp to Paul Ek, Eagle Bend
Harlan of Arrowhurst 163759—George L. Cordingley to Otto H. Wiegers, Boyd
Horatius's Pride of Milo 161459—Olsen Bros. to Nels Anderson, Zimmerman
King George of Little Falls 149196—F. W. & H. A. Niemann to J. O. Boath, Little Falls
King of Eckvoll 148745—Bennie Vigen to Ole J. Bratteli, Grygla
Lady Pride's Bountiful 163266—George O. Fisher to Albert Stuhr & Son, Blomkest
Laura's Captain 155134—George O. Fisher to J. L. Hoernberg, Staples
Leaf Lake Nimrod 163271—John Neels to L. E. Schepper, Dent
Leopold of Ely Farm 163488—John D. Ely to P. O. Brandvold, Starbuck
Lizette's Sheik of Ely Farm 160260—John D. Ely to A. R. & E. A. Sprague, Caledonia
Maid's Golden King of Wohelo 155458—C. P. Chapman to George Manion, Palisade
Master's Delight of Ely Farm 160259—John D. Ely to F. G. Neimrich, Donnelly
Observation Hill's Lindy 150701—J. L. Olness to A. H. Hanning, Preston
Olive's Ultra Bonny Boy 145955—C. P. Chapman to Mr. & Mrs. Bert Hill, Ronneby
Orchard Branch 162781—Aug. Sauck to J. P. Klein, Truman
Oriental Nathaniel 151497—S. B. Wilson to The Crow Wing County Pure Bred Sire Association, Brainerd
Oriental Sark 147386—S. B. Wilson to The Crow Wing County Pure Bred Sire Association, Brainerd
Oriental Zack 147758—S. B. Wilson to Bernardine J. Bjornstad, Farmington
Pansy's Big Boy 163270—Fred Feltmann to John F. Buckentin, Hamburg
Prince of Prospect Home 161596—J. W. Budderman to Julius Anderson, Stillwater
Quickness of Beaverdale 159577—H. B. Abrahamson to Matt Leinonen, Annandale
Royal Leader of Stubbs Bay 158556—Nathan H. Stubbs to Frank Wandersee, Waverly
Sunbeam's Nestor of Poskin 163088—D. F. Clark to Andrew Rathmanner, Winsted

MISSOURI

Alexander of Clover Ridge 163500—B F. Schatz & Sons to Homer Campbell, Brookline
Bob's Dixie of Prarie View 163553—William Frankenbach to Fred Bauer & Mike Wolfinger, La Grange
Cherub's Laddie of Chippewa 154972—L. P. Martiny to W. F. Rupe, Sampsel
Harmony Husky William 163585—Frank Lieberam to P. F. Beckerdite, Garden City
Hector King of Prairie Mound 162505—Clayton A. Daniels to John F. Westrup, Mendon
Jane's Jerry 163592—Adolph N. Wagemann to Oscar Eberlin, Hermann
Lone Pecan Whiteface 163160—Fred E. Schatz to Greg. J. Hayden, O'Fallon

Oak Hurst Lad 163487—Parminter & Sons to Carl Schad, Purdy
Pug of Burger's Hill 133576—Earnst Burger to John Tiede, Billings

MONTANA

Anton of Elgin Heights 163074—Arthur E. Fetscher to John Pomajevich, Missoula
Dominator of Bitter Root 163425—Anna E. Fitzgarrald to A. W. Hollensteiner, Lolo
Fitzy of Bitter Root 163163—Anna E. Fitzgarrald to Harold Reneau, Stevensville
Gallatin's May King 159159—C. W. Cramer to Hugh Gee, Belgrade
Goding's Marshall of Maple Avenue 81608—L. E. Blackman to Lester Albert, Dixon
Picotte's Don of Bitter Root 163269—Anna E. Fitzgarrald to Roy Hyatt, Hamilton

NEBRASKA

Jason of Guernsey Haven 163473—L. C. Lemon to Emerson Keebaugh, Osceola
Radisson's Royal Master 151861—Roy C. Kembrink to Chamber of Commerce, Central City

NEW HAMPSHIRE

Albamont Creon 149974—Agnes M. Haartz to W. F. Keyes, Jr , Haverhill
Aldrich Farm Rixie 150747—Stuart M. Aldrich to F. F. Russell, Concord
Pine Lane King Zed 156923—Walter Roesler to Carroll County Farm, Ossipee
Pride of Amical of Sunnyhurst 163371—H. R. Shattuck to L. P. Michaud, New Boston

NEW YORK

Billy Boy of Home Acres 163370—Marcus H. Butler to David Morrow, Pavilion
Caldwell Place Felix 159376—John S. Rich to William Kennith Quinby, Webster
Cyclone of Summit 163466—Est. Martin T. Anthonson to James A. King, Jordan
Golden Prince of Green Meadows 145571—Horace H. Lanning to Clifford Bower, Trumansburg
Home Acres' Chappie 163369—Marcus H. Butler to Frank E. Smith, Dale
Home Acres' Sunny-Jim 163368—Marcus H. Butler to David Morrow, Pavilion
Maple Kist Danny Duff 163428—Milson Young to Edward Heidth, Lisle
Meadow Brook Laddie King 163499—Frank Kummer to Ernest R. Sedlacek, Earlton
Prince Russell of Delmar 144407—Clyde H. Proper to William H. Snyder, Mileses
Redpath 163302—L. F. Coursen to John B. Craig, Candor
Ultra Monarch of Vallyvu 163674—J. Earl Scott to J. B. Richards, Jr., Perry
Ultra's Ida's Radio King 154500—Franklin E. Knapp to J. M. Burcroff & James Isaac, Wolcott
Willow Brook Emblem 163263—C. A. Phillips & Son to A. E. Decker, Holcomb

NORTH CAROLINA

J. W. Francisco 162596—L. A. Strupe to J. W. Shelton, Francisco
Macon Invader 163398—Florence Osborne to George S. Crawford, Franklin
Nancy's Violet Boy 163328—Lucius B. Compton to W. J. Thompson, Asheville
Raider of Upland Farm 163506—W. A. Beeson & Sons to J. V. Marshall, Walnut Cove
Warrior's Advocator of Kildaire 138226—B. W. Kilgore, Jr. to Crocker & Gibson, Stantonsburg

NORTH DAKOTA

Bismarck of Manor Farm 163720—Henry Krabbenhoft to Erhard Krabbenhoft, Page
Dewey of Highland View 162586—P. C. Schafer to George H. McCabe, Glasston

OHIO

Austin of Rising Sun 155672—Paul Hertel to Blanke Bros., New Bremen
Brave Victor of Summit Farm 128775—Henry W. Treat to Wayne B. Albers, Cuyahoga Falls
Brownlea Landsman 163134—Charles G. Brown to George Constance, Lexington
Dean's Leader of Linwood 160915—J. Dwight Dean to C. P. Fredericks, Centerburg
Delhaven May's King 161621—John Govatos to Palmer & Conger, North Fairfield
Dick Masher of Bexley 163154—D. J. Schaaf to William E. Wolford, Amanda
Duke Varden 163200—Est. Charles T. Wheeler to H. A. Goodman, Lima
Ellsworth of Wondon Valley 163311—J. Dwight Dean to George M. Schrack, Fredericktown
Golden King of Urilla-Ray 163793—Emmet R. Carmony to Alex Boswell, Akron
Hillburk's Climax 161028—Forest S. Schaffer to Arnold Lubekeman, New Bremen
Ilene Rose's Senator Prince 162790—Aaron Zimmerman to Elias Horst, Bowdil
Itchen's Jack Dempsey 163171—C. Conkle & Andrew Beck to Anton Dickman, Navarre
Kent's Laddie of Bonus Farm 152309—F. E. Bone to W. C. Warthen, Utica
King of Cherry Blossom Farm 161588—Frecker Bros. to W. O. Black, Van Wert
Lassie's King of Lone Oak 163420—Mrs. Paris R. Miller to Raymond Johnson, Navarre
Lassie's Lad of Adlea Acres 160585—A. E. Jones to O. D. Barnard, Cortland
Marylin's Warrior of Glendower 141662—C. Norton to John Lemponen, Austinburg
May Day's Governor 163534—Est. Otto B. Akins to Ed. B. Ednesley, Coshocton
Molly's Pride of Kenilworth 145856—Mrs. Rosa Etchison to A. W. Bevan, Tippecanoe City
Oberlin Lad 149292—Jacob Ruffing to Edward Seabold, Elyria
Pet's Union Jack of Clear View 162469—Bert H. Adams to John Kenzig, Medina
Poheja's Jackson 160874—H. W. Hoover to Paul McCart, Hibbetts
Poheja's William 162153—H. W. Hoover to Ira E. Miller, Louisville
Raymond's Rex of B. J. F. 163607—A. L. Carpenter to Philip D. Ittel & Sons, Hamilton
Royal of Brookside 163427—William H. Koogle to Harry W. Kern, Germantown
Sunnydale's King 163535—Est. Otto B. Akins to B. F. Smails, Warsaw

OKLAHOMA

Archie of West Lawn 160828—W. R. Hutchison to Robert Uerkvitz, Watonga
Lake View Ultra Trojan 106822—Paul J. Honer to C. C. Crouse, Alva
Sequel's Rosebud's Buster 163507—J. R. Shackelford to F. W. Reibhoff, Oregon City

OREGON

Big Boy of Deltaview 163237—R. B. Magruder to Paul Birkenfeld, Clatskanie
Colonel Lindbergh of Junction View 144440—Jasper Hovgaard to C. W. Kepler, Astoria
Dempsey of Cedar Brook 163157—E. C. & E. Buol to Frank Wiegle, Beavercreek
Hermione's Hoover 155086—R. A. West to Frank A. Smith, Salem'
Pride of Manning 114039—C. N. Ogilvie to B. W. Titus, Union
Prince Malcolm 156671—Alta O. Stafford to Arthur E. Ledbury, Boring
Roena's Admiral of Few Acres 101306—Jasper Hovgaard to Ethel M. Kamara, Astoria
Silver Crescent Joe 163169—Greenman & Son to Milton L. Knauf, Silverton
Yeksa Marose's Khedive 163152—R. R. Meyer to to P. Nowakowski, Scofield

PENNSYLVANIA

Adlin's Prince of Blue Clay 149501—J. B. Edsall to J. Stanley Friends, Tioga
Beaute's Governor Prince 162528—D. M. Bayer to Lester O'Neal, Hopewell
Blair of Good View Farm 163722—Amos A. Slack to David McAlister, Oxford
Brint of Walnut Ridge Farm 162404—George S. Mellott to Isaiah W. Kline, Saluvia
Constellation's Mars 121999—Joseph W. Strode to S. I. Ivins, West Chester
Constellation's Mars 121999—Frank Battles to Joseph W. Strode, West Chester
Count Kelly 163721—George S. Cullen to James T. Kelly, Lincoln University
Daisy's Great Caesar 156242—C. O. Mattern to F. L. Ammerman, West Decatur
Dixie of Orchard Bluff 163039—W. W. Vandivort to Daniel Rape, Zelienople
Eda's Squire of Donation Hill 163047—Minnie R. Proctor to Earl J. Rogers, North East
Fair View's May Rose King 163325—John T. McKeowan to Irwin I. Crossan, West Grove
Flashlight's Regent 155678—George K. Bobb to Horace E. Miller, Summit Station
Foxy's Girl's Jim 149666—C. O. Mattern to I. Isenberg, Houtzdale
Jewel's Bobby of Spring Water 162761—W. N. Walker to Harry Riebold, Enon Valley
Laddie's Actor of Cedar Grove 163591—W. C. Morrow to George E. Stultz, Williamsburg
Laura's Gay Boy of Skippack 163301—William L. Hart to C. S. Bussard, Gilbertsville
Master's Improver 162112—S. Hayes Jarrett to J. I. Masters, Richfield
Noble Brinser 163675—David Metzler to Ephraim Bruiser, Falmouth
Overseer's Jewel of Bdk. 156046—H. J. Krebs to L. W. Dunkelberger, Mechanicsburg
Paul's Highland Belle's Boy 163490—Mrs. C. B. Wilkey to Paul McCracken, Ligonier
Queen's Perfection 163151—Dickey Bros. to Ed. Rumbaugh, New Castle
Rose's Charleybrook 163193—J. J. Camp to Warren Brothers, Cherry Tree
Spotswood Kingdom 141634—N. M. Weller to George Naugle, Ligonier
Valleywood Star 148038—S. C. Burton to J. S. Daubert, Schwenkville
Wawa of Elm Dale Farms 163367—Wawa Dairy Farms to A. R. Smith, Benton

RHODE ISLAND

Beacon Hill Earl 161977—Arthur Curtiss James to H. F. Holman, Portsmouth

SOUTH CAROLINA

Billy Brownhill 163399—J. C. Shannon to J. C. Hearndon, Furman
Governor Boney 163587—J. W. Boney to Sarah Jane Bankhead, Blackstock
Miller's Franklin 163503—Ed. J. Miller to J. M. Hilton, Kershaw
Pet's Galaxy Boy of Rodman 157670—Est. L. W. Henry to Hugh W. Hentz, Pomaria
Riegel's Laddie Boy 163054—Ware Shoals Manufacturing Co. to Charles Hamby, Longcreek

SOUTH DAKOTA

Cherub's Veteran of Chippewa 149123—L. P. Martiny to Harvey R. Johnson, Britton
Clyde of F. A. Hubing Farm 163498—F. A. Hubing to Olaf Lundin, Springfield
Master of Ely Farm 159292—John D. Ely to G. W. TeBeest, Castlewood
Polly's Penwyn of Arpin 153374—Ludvig Krekula to Peter Karkanen, Spearfish
Royalton of Willow Creek 119487—Will Kreber to H. H. Holdridge, Madison
Sarsura's Rilma Secret 149746—Allic S. Knudson to N. R. Wolf, Harrold

TENNESSEE

Lady Brown's King Tut 159138—W. G. Alford to C. C. McCarson, Memphis

TEXAS

Nutan of Echo Glade 145874—Edward T. Williams to W. J. Scott, Marshall
Proud Banner's Prince 163635—L. S. Munger & R. E. Dudley to M. A. Waldrop, Abilene

UTAH

Chieftain's Major of Eden 161943—Edmund Greenwell to Paul Fowers, Hooper

VERMONT

King Cole of Sunny Brook 163634—Albert F. Cole to D. L. Burleson, Enosburg Falls
Oxford of Pleasant View Farm 158009—George P. Thompson to W. A. Wetherbee, Underhill
Red Echo Ultra Alaric 134343—J. B. McClellan to J. F. Nelson, East Ryegate

VIRGINIA

Anna's Trump of Mapleton 160216—R. B. Wildman to I. Elizabeth White, Leesburg
Aquia Roi 163159—Henry Moncure to Frank S. Biscoe, Fredericksburg
Beaucaire Hazel of Sterling 163794—Albert Shaw to R. F. Turman, Christiansburg
Beaucaire Sunray of Sterling 163795—Albert Shaw to John H. Williamson, Riner
Chief of Fairmead 156882—C. F. Whately, Jr. to J. S. Kent, Monroe
Dairymaid's Royal Secret 163662—S. F. Wortman to John & Emmett Bass, South Boston
Elite Royal Knight 163130—Albert Jones to Barger Bros., Catlett
Forge Hill Virginia Royal 159108—J. L. Wilkie to Charles M. Clement, Jeffersonton
Locust Grove Prince 163306—E. R. Monroe to H. E. Cloudis, Brookneal
Morven's Forward 163672—Westmoreland Davis to J. M. Church, Lessburg
North End Powhatan 163195—Herman Hollerith to Lee Lewis, North
Willowmere Dugra 83010—J. N. Jackson to C. Hunter Ballard, Crozet
Wynn's Jem 163150—Peggy Keith to V. T. Bowen, The Plains

WASHINGTON

Bear Canyon's Pride 162779—C. E. Entsminger to John H. Jones, Alpha
Chicona Prince George 155348—Albion L. Gile to Albert Wasankari, Port Angeles
Edna's Echo of Highland View 163641—W. J. Knutzen to Henry Naef, Mount Vernon
Gilt Edge of Rainier View 119706—W. H. Jackson to A. C. Snyder, Ellensburg
Glenloch Butterboy 153639—John Hastie to Alex Graham, Olympia
King Bell of Valley View Farm 163137—Ole Larson to E. B. Crisman, Darrington
Lewis of Rosedale 163366 — William Larson to H. Ritari, Castlerock
Sir Dean of Fir Ridge 94390—J. J. Heltsley to John Blau, Eatonville
Zepel of Bonus 152480—N. P. Hodgson to B. F. Hardin, Kent

WEST VIRGINIA

Avalon Silver Leaf Jr. 162684—T. E. Carmichael to George Freeland, Moundsville
Bankable Hep 152491—N. N. Smith to John J. Moyers, Mathias
Bankable Peerless 160106—N. N. Smith to Hamilton Wilson, Moorefield
Barbi's Monsieur Procris 162070—S. M. Shoemaker to Jacob Beachy, Terra Alta
Bur Ut Chance 159476—W. E. Burall to Fred Miltenberger, Ridgeley
Green Valley Champion 155932—Clarence Calfee to O. D. Shresbury, Ada
Homestead Foremost Sultan 150025—W. P. Jackson to Foster Johnson, Berkeley Springs
Laddie's Lad of Calder Farm 155393—Turner & Duvall to C. B. Williamson, Hebron
Maple Lane Bender 162738—Hatzel & Wilson to L. C. Bender, Martinsburg
Rosella's Czar of Hyde Farms 145645 — Hyde Bros. to Z. B. Hulber, McCauley

WISCONSIN

Alonzo of Pine Hill 163471—Edgar L. Horton to Dan Lane, Fall Creek
Beauty's Boy of Wilson 162822—Nels Knudson to Leonard Raether, Fall Creek
Chancy of Old Hickory 163468—F. W. Abbs to Guy Mudridge, Brandon
Cherub's Happy of Village View 154183—E. M. Fitzmaurice to Reinhart Kenas, Ripon
Dairymaid's King's Good Hope 163550—W. H. Keuper to Dan Bright, Elm Grove
Defender's High Life of G. R. 160388—E. W. Pfrang to George Wagner, Edgar
Dolly's Buster of Rose Lawn 156520—William T. Lambert to W. R. Houser, Sechlerville

Tense Moments

(*Continued from page 77*)

Ames, Iowa, and Professor W. W. Yapp of Urbana, Illinois, sensed the intense interest and their responsibility in the part they played in this drama of the tanbark. Both cows were beautiful representatives of the breed and the judges knew that either one would make a desirable champion, but their job was to decide which was the better in type. A great deal of time was taken with this class. How interesting and instructive it would be if we could record here the thought and arguments which took place in the minds of the two judges. Over an hour was spent mostly on the two top cows and needless to say to some this hour seemed ages long.

The judges finally made their choice—a choice that met with the general approval of the ringside. The cow selected combined with dairy quality, great strength of heart and capacity of middle. For smoothness and symmetry, that almost perfect blending of parts, she was supreme. In Jeanette of the Prairie 2d 69685, a daughter of Ladysmith's Cherub 30760, owned and bred by W. W. Marsh of Waterloo, Iowa, we find the winning cow with that desired combination of substance with quality. This great cow has made three fine records averaging over 700 pounds of butter fat, the largest completed in class A being 13600.7 pounds of milk and 816.8 pounds of butter fat, thus taking her place for all time among the great cows of our wonderful breed.

Wisconsin Guernsey Picnics

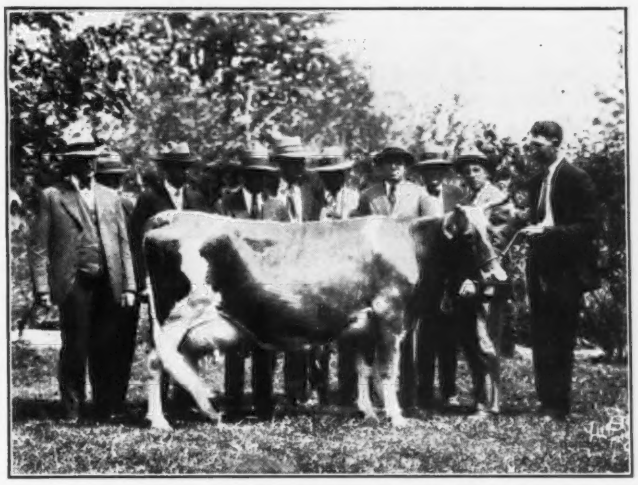
(*Continued from page 85*)

drinking. He said: "Do not think of the Guernsey cow as a butter cow, a cheese cow, or as a wholesale milk cow, but think of her as a table milk cow. It matters not where you are located or how far you are from the world's market and the world's greatest demand for table milk—Guernseys must be considered from this point of view. We should also realize that milk is being shipped from Chicago to Florida every winter. Milk is also being shipped much longer distances than from here to your big central markets. There is a point to be thinking about."

Beware of Cow Jockeys

He warned the breeders against the cow jockeys who have been operating in the state of Wisconsin, and said: "There can be no greater harm to the progress of our breed than the cow jockeys. They can tell you the papers mean nothing. It is true that the papers mean nothing to them, but they do mean something to the breed and to you. In spite of the propaganda that we have heard about selective registration, I still maintain that there is no Guernsey born that cannot do something for someone somewhere. The same is true in regard to the Guernsey bull. There is still a place for every Guernsey bull born in Wisconsin."

"I think," said Mr. Musser, "that you must decide one or two things—either that you will be a dairyman or a breeder. Dairying as an industry is one of the most intensive. It is even more intensely confining than general farming. If you do general dairying you must look primarily to the money you can get out of the product. You must decide whether you intend to be a dairyman or a breeder. If you decide to be a dairyman you can get plenty of money out of the grade Guernseys and treat your cattle as grades. However, it is a very serious mistake to throw away the papers for your pure bred cattle. On the other hand, no pure bred herd should be operated if it is not showing a profit over production.



Some of the breeders who were guests at a breakfast given by B. F. Sheridan

"One of the most important things to take into consideration for your herd at present is the blood testing for contagious abortion. If you had attended the sales in the East, and if you had seen one animal worth $5,000 sell for $1,500 because she was not blood tested, and then see another bring $2,800, that was not as good an individual, you would realize the importance of blood testing, and that nothing more than the blood test was in favor of the second cow. The man who purchased the $1,500 cow did so only because he knew that she was not negative and he was willing to take a chance on her. The time has come when we must have abortion free sales. The sales in the country are a positive proof that the buying public demands clean cattle.

"The first fundamental in pure bred cattle is their breeding power. No man breeding pure bred cattle should ever sell an animal if he does not want to refund the purchase price if the animal fails to breed. Only twenty-five per cent. of those engaged in the breeding of cattle make money in it. Seventy-five per cent. fail because they do not regard their obligations to their clientele as they should."

The Barron County Guernsey Quartet donated their services at the River Falls meeting and lead the crowds in community singing.

Corium Receives Certificate No.1

One of the features at the Corium Farm picnic was the presenting to Mr. Rueping, by the state of Wisconsin, the first certificate of an abortion free herd to be issued in the state. Dr. F. B. Hadley of the Veterinary Science Department at the University of Wisconsin, stated that it was a red letter day in the history of the state. He said, "The blood test for contagious abortion is going to be more popular and the veterinarians are going to have more information on the same." He also emphasized the fact that in order to have the test mean anything it must be applied over a period of time and in addition they must have the knowledge of the herd and of the individuals on whom the test has been taken.

In his address of welcome, B. F. Sheridan, president

of the Fond du Lac County Guernsey Breeders' Association, complimented Corium Farm on what they have done. In reply to the acceptance of certificate number one, issued by the state to the first blood tested herd, Fred J. Rueping said: "I cannot express my appreciation for Corium in receiving this certificate, and I do not know as you can appreciate how much this certificate means to us. We have had our herd nearly eleven years and I want to say that we have had all kinds of trouble and it has been a hard battle. It has been discouraging many times, but I feel that all of our efforts have been repaid by the progress made. I think we have most of our troubles licked. We can only ask you breeders here not to get discouraged and you will get results which will please you."

An address was also given by Karl B. Musser, secretary of the national organization. Following the program a parade of the progeny of Langwater Ultimas 39637 and Birchfield Pride of the May 59106 was shown to the visitors.

A Suggested Mid-West Circut

The circuit comprises fourteen of the leading state fairs in the Mississippi Valley, opening at the Missouri State Fair at Sedalia on August 17 and carrying through November 23, when it closes at the American Royal Live Stock Show at Kansas City.

The members of the circuit together with the show dates follow:

Missouri State Fair, Sedalia, Missouri, August 17-24.

Iowa State Fair and Exposition, Des Moines, Iowa, August 21-30.

Nebraska State Fair and Exposition, Lincoln, Nebraska, August 30 to September 6.

Kansas Free Fair, Topeka, Kansas, September 9-14.

Kansas State Fair, Hutchinson, Kansas, September 14-20.

Oklahoma State Fair and Exposition, Oklahoma City, Oklahoma, September 21-28.

Oklahoma Free State Fair, Muskogee, Oklahoma, September 28 to October 5.

Arkansas State Fair, Little Rock, Arkansas, October 7-12.

State Fair of Texas, Dallas, Texas, October 12-27.

Texas Cotton Palace, Waco, Texas, November 1-10.

State Fair of Louisiana, Shreveport, Louisiana, October 31 to November 11.

South Texas State Fair, Beaumont, Texas, November 11-17.

American Royal Live Stock Show, Kansas City, Missouri, November 16-23.

Fifteen Hundred Enjoy Picnic

THE fifth annual Trempealeau County, Wisconsin, Guernsey Breeder's picnic was held on June 3 in the village of Blair, and fine weather prevailed during the day. Approximately 1,500 people gathered to attend the program. Business places closed their doors during the program and joined in with the breeders of the fawn and whites. The program featured selections by the village band, cornet duets, a male quartet, and addresses by L. B. Stevens of Oconomowoc, Gavin McKerrow of Pewaukee, and Dr. V. S. Larson of Madison.

Mr. Stevens briefly discussed the importance of selecting better herd sires to build up better pure bred herds. He also emphasized an important fact that it is quite important when selecting a herd sire to study the man or the firm from which you are buying. Are they reliable and sincere?

Mr. McKerrow was the second speaker and told of the work the state association is carrying on and the importance of each county association cooperating to the fullest extent with the state association. Dr. Larson was the last speaker and he dwelt chiefly on the control of contagious abortion.

An indoor ball game between the northern and southern ends of the county closed the program. The game was won by the breeders in the northern end of the county for the third time.

At the annual meeting on Friday evening, following the program the officers for the coming year were elected as follows: President, William Nichles, Trempealeau; vice president, P. V. Becker, Galesville; secretary-treasurer, A. E. Nehring, Whitehall. A resolution was adopted authorizing the county association to affiliate and become a part of the state association.

LLOYD NEHRING

Elkhart County Field Day

THE members of the Elkhart County, Indiana, Guernsey Breeders' Association staged another very successful field day at the farm of R. M. Elliott near Goshen on June 27. Over 200 people were in attendance. The day was planned not only as a county field day but also as a regional field day for the Indiana Guernsey Breeders' Association, with the result that the attendance included not only breeders from Elkhart County, but from several northern Indiana counties, as well as a few breeders from down state and a car full of enthusiastic visitors from Michigan.

The setting was at the farm of R. M. Elliott and constituted the first public entertainment by Mr. and Mrs. Elliott since the completion of their new home, that replaces the one destroyed by fire last winter. The meeting was presided over by S. M. Bigler, Elkhart, and the secretary of the county breeders' association and chairman of the program committee. The morning session was devoted to an inspection of the Elliott herd and to the quarterly meeting of the Elkhart County Guernsey Dairy Herd Improvement Association. At noon a tremendous and most hospitable basket lunch was served.

The speaking program was long in numbers, but the speakers seemed to realize the situation so that it was both snappy and apparently appreciated by the breeders present. Following a few excellent recitations by the daughters of two of the Elkhart County breeders, Dr. J. M. Evans, Russiaville, president of the Indiana Guernsey Breeders' Association, outlined the growth of the state association, its increase in activity, its plans for a meeting at the state fair on September 4, and at La Fayette in January. He then presented, very effectively, the idea of the Indiana Guernsey Breeders' Association instituting an annual state sale.

Lawrence Wright, Sheridan, secretary of the state association, remarked further relative to the breeders' organization and gave a sincere invitation to the breeders of northern Indiana to attend a central Indiana Guernsey breeders field day, that will be held as a part of the Parish show put on by the Indiana Condensed Milk Company on August 27, at their farm between Lebanon and Sheridan, Indiana.

H. W. Wigman, Lansing, Michigan, had come to the meeting by invitation of the Elkhart County Association, to give a demonstration of Guernsey type and a talk on the breed. With him came Fred Gleason and Earl Hemingway of

(Please turn to page A-1)

Fair Circuit for 1929

(*Continued from page 84*)

ing, September 10 to 14. Total dairy awards will amount to $1,050. Guernseys will be awarded $375. There will be fourteen classes.

Canadian Fairs

British Columbia's Provincial Exhibition will be held September 2 to 7 at Queen's Park, New Westminster, British Columbia. Total dairy awards will amount to $6,698. Guernseys will receive $1,350. There will be thirty classes. Guernseys will be judged on September 3 by Professor H. R. Hare, University of British Columbia.

Canada's Great Eastern Exhibition will be held August 24 to 31 at Sherbrooke, Quebec, Canada. Total dairy awards will amount to $6,500. Guernseys will be awarded $1,625. Guernseys will be judged August 27.

Canadian National Exhibition will be held August 23 to September 7 at Toronto. Total dairy awards will amount to $14,000. Guernseys will be awarded $2,550. George M. White, Coxsackie, New York, will judge Guernseys on August 29 and 30.

Central Canada Exhibition will be held August 19 to 24 at Ottawa, Ontario, Canada. Total awards for dairy stock will amount to $5,778. There will be no Guernsey classifications.

Edmonton Exhibition will be held July 15 to 20 at Edmonton, Alberta, Canada. Total dairy awards will amount to $6,185 of which Guernseys will receive $970. There will be twenty-five classes.

Provincial Exhibition will be held July 29 to August 3 at The Stadium, Regina, Saskatchewan, Canada. Guernseys will be judged on July 30 by Professor Shaw of Saskatoon.

Western Fair will be held September 9 to 14 at London, Ontario, Canada. Total dairy awards will amount to $4,050. There will be no Guernsey classifications.

FAIR MONEY

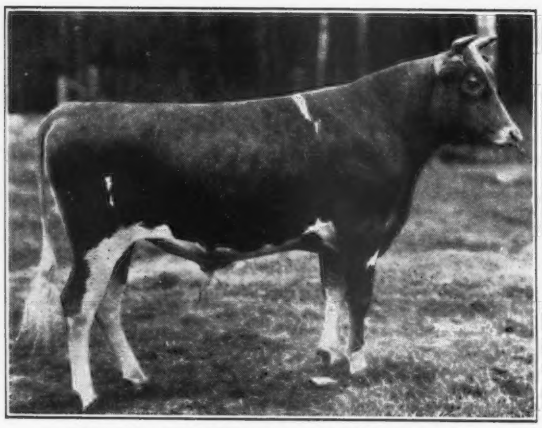
	Total	Guernseys
Ak-Sar-Ben Stock Show, Omaha, Nebraska	$5,715	$1,000
American Royal Live Stock Show, Kansas City, Missouri	6,275	1,200
British Columbia's Provincial Exhibition, New Westminster	6,698	1,350
Brockton Fair, Brockton, Massachusetts	7,203.75	1,695
Burlington Tri-State Fair, Burlington, Iowa	834	278
California State Fair, Sacramento, California	10,335	1,900
Canada's Great Eastern Exhibition, Sherbrooke, Quebec, Canada	6,500	1,625
Canadian National Exhibition, Toronto, Canada	14,000	2,550
Cape County Fair, Cape Girardeau, Missouri	792	264
Central Canada Exhibition, Ottawa, Ontario, Canada	5,778	....
Central States Fair and Exposition, Aurora, Illinois	8,202	1,375
Colorado State Fair, Pueblo, Colorado	3,110	649
Dairy Cattle Congress, Waterloo, Iowa	19,500	3,300
Eastern States Exposition, Springfield, Massachusetts	14,800	2,200
Edmonton Exhibition, Edmonton, Alberta, Canada	6,185	970
Genesee County Fair, Batavia, New York	3,240	495
Georgia State Exposition, Macon, Georgia	3,000	1,000
Great Allentown Fair, Allentown, Pennsylvania	2,428	458
Illinois State Fair, Springfield, Illinois	15,790	3,400
Indiana State Fair, Indianapolis, Indiana	12,120	2,983
Ionia Free Fair, Ionia, Michigan	1,435	287
Iowa State Fair, Des Moines, Iowa	13,630	2,600
Kankakee Inter-State Fair, Kankakee, Illinois	3,824	500
Kansas Free Fair, Topeka, Kansas	3,678	537
Kentucky State Fair, Louisville, Kentucky	5,319	505
Louisiana State Fair, Shreveport, Louisiana	3,544.40	577
Maine State Fair, Lewiston, Maine	4,000	400
Maryland State Fair, Timonium, Maryland	6,860	3,320
Michigan State Fair, Detroit, Michigan	12,745.25	2,603
Midland Empire Fair, Billings, Montana	4,225	845
Mid-South Fair and Dairy Show, Memphis, Tennessee	10,000	1,500
Minnesota State Fair, Saint Paul, Minnesota	13,921	3,380
Missouri State Fair, Sedalia, Missouri	8,578.50	1,627
Montana State Fair, Helena, Montana	2,765	595
National Dairy Exposition, Saint Louis, Missouri	26,500	5,250
National Western Stock Show, Denver, Colorado	2,504	626
Nebraska State Fair, Lincoln, Nebraska	6,686	1,500
New York State Fair, Syracuse, New York	13,809	2,020
North Dakota State Fair, Fargo, North Dakota	1,500	560
North Dakota State Fair, Grand Forks, North Dakota	2,350	522
Northern Wisconsin State Fair, Chippewa Falls, Wisconsin	.....	755
Ohio State Fair, Columbus, Ohio	14,810	2,945
Oklahoma Free State Fair, Muskogee, Oklahoma	2,430	690
Oklahoma State Fair and Exposition, Oklahoma City, Oklahoma	4,935	900
Oregon State Fair, Salem, Oregon	6,667.50	1,551.50
Ozark State Fair, Carthage, Missouri	885	295
Pacific International Livestock Exposition, Portland, Oregon	11,500	2,500
Saginaw County Fair, Saginaw, Michigan	6,396	514
South Carolina State Fair, Columbia, South Carolina	2,787	929
South Dakota State Fair, Huron, South Dakota	4,664	875
South Louisiana State Fair, Donaldsonville, Louisiana	1,335	374.50
Southern California Fair, Riverside, California	3,373	707
Southwest Washington Fair, Chehalis-Centralia, Washington	5,000	800
Spokane Interstate Fair and Livestock Show, Spokane, Washington	3,365	675
State Fair of Texas, Dallas, Texas	12,000	1,070
Staunton Virginia Fair, Staunton, Virginia	1,200	400
Texas Cotton Palace and Dairy Show, Waco, Texas	1,500	.....
Trenton Inter-State Fair, Trenton, New Jersey	8,575	1,715
Tri-State Fair, Amarillo, Texas	7,500	1,500
Tulsa State Fair, Tulsa, Oklahoma	3,540	740
Utah State Fair, Salt Lake City, Utah	5,000	1,325
Virginia State Fair, Richmond, Virginia	4,824	1,502
Washington State Fair, Yakima, Washington	5,410	970
Western Washington Fair, Puyallup, Washington	2,960	740
West Michigan Fair, Grand Rapids, Michigan	2,750	515
West Virginia State Fair, Wheeling, West Virginia	4,036	899
Western Fair, London, Ontario, Canada	4,050	....
Wisconsin State Fair, Milwaukee, Wisconsin	14,500	3,000
Wyoming State Fair, Douglas, Wyoming	1,050	375
Total	$447,422.40	$87,708

AIYUKPA GUERNSEYS

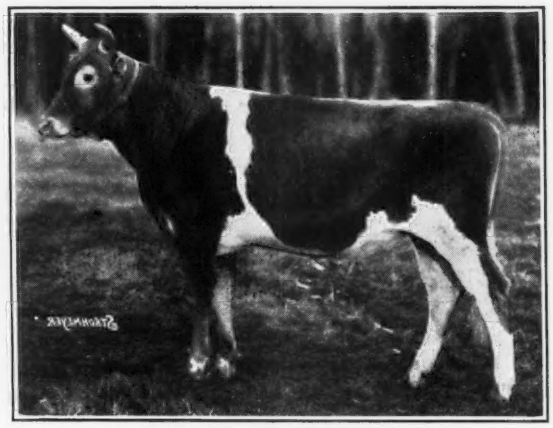
Federal Accredited Herd No. 199722

Our Herd Sires—

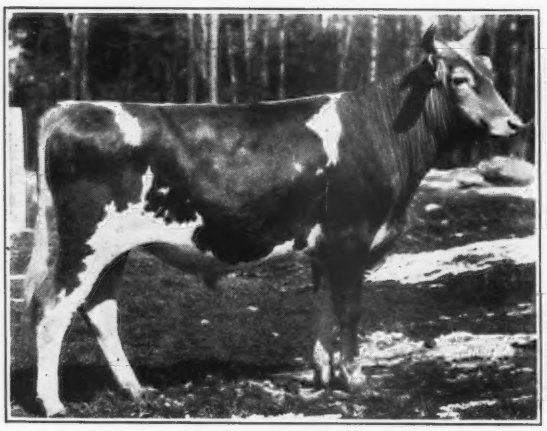
The Herd with "Both Halves" Breeds Them Right



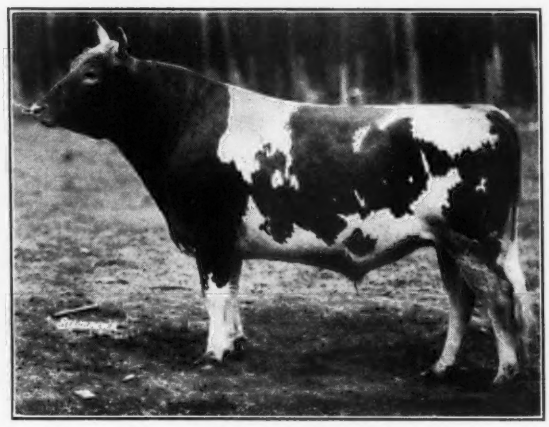
AIYUKPA CORONET'S MARMION 141902
(photo at 1 year)
Sire: Langwater Marmion 60160, A. R. Dam: Golden Coronet of Jean du Luth 81283, A. R.
968.8 Fat. Class AA—World's Record when made.



AIYUKPA GRAND DUKE 147345
(photo at 1 year)
Sire: Langwater Marmion 60160, A. R. Dam: Shuttlewick Levity 101850, A. R. 804.4 Fat in G—World's Record when made. Grand Champion cow National Dairy Show, 1927 and highest priced cow of the Breed.



AIYUKPA GOLDEN MARMION 150519
(photo at 1 year)
1st prize bull calf Eastern States Exposition, 1928
Sire: Langwater Marmion 60160, A. R. Dam: Aiyukpa Golden Coronet 195760, A. R. 619.2 fat, Class G.
1st prize senior yearling Eastern States Exposition, 1927, 1st two-year-old same show, 1928.



AIYUKPA KING 122783
(photo at 3 years)
Sire: Langwater Eastern King 63072, A. R. Dam: Lone Pine Molli-Cowan 91285, A. R. 840.3 Fat in BB—World's Record when made. 1st prize 3 year old National Dairy Show, 1922. A Triple great grandson of Imp. King of the May 9001, A. R.

The Dams and Grandams of "Levity-King," "Grand Duke," and "Coronet's Marmion" were World Record cows, Dam and Great Grandam of "Aiyukpa King" were World Record cows and the Grandam and Great Grandam of "Golden Marmion" were World Record Cows.

The Dam and Grandam of "Levity-King" and "Grand Duke" were Grand Champions at the National Dairy Show, while the Dams of "Coronet's Marmion," "Golden Marmion" and "Aiyukpa King" have headed their class in the show ring.

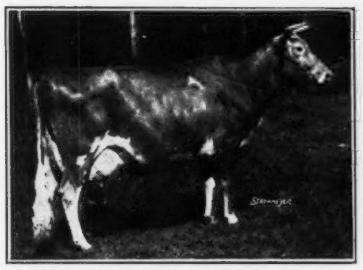
Breeding "Levity-King" and "Grand Duke" on "Golden Coronet of Jean du Luth" and "Coronet's Marmion" on "Shuttlewick Levity" will produce animals having FOUR WORLD'S RECORDS in the nearest females.

We are retaining over 30 daughters of Langwater Eastern King 63072 and Langwater Marmion 60160.

We are concentrating on the "Levities" and "Coronets" and ultimately will retain no animals having less than 50% of the blood lines of Shuttlewick Levity 101850 or Golden Coronet of Jean du Luth 81213, each a World's Record cow and the daughter of World's Record cow.

AIYUKPA GUERNSEYS

"The Bull is Half the Herd"—Aiyukpa has Both Halves



SHUTTLEWICK LEVITY 101850
804.4 Fat, Class G.

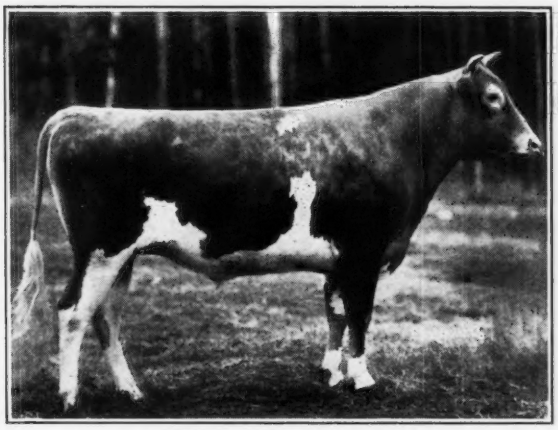
World's Record when made, Grand Champion National Dairy Show, Eastern States Exposition and Trenton, 1927, and Dam of First Prize Senior Yearling Heifer, National Dairy Show, 1927 and the 1st Prize Aged Cow Eastern States Exposition, 1928.

LANGWATER LAUGHTER 93086
665.2 Fat, Class F.

Full Sister of Shuttlewick Levity 101850. Dam of Third Prize Heifer Calf National Dairy Show, 1927.

SHUTTLEWICK MIRTH 129736
706.1 Fat, Class G.

Daughter of Shuttlewick Levity 101850. 1st Prize Aged Cow Eastern States Exposition, 1928.

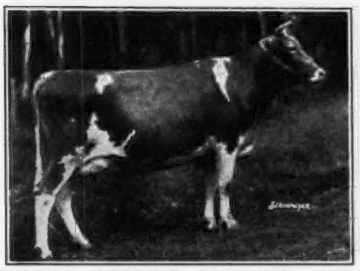


AIYUKPA LEVITY-KING 130508
(photo at 2 years)

Sire: Langwater Eastern King 63072, A. R. Sold for $35,000. Dam: Shuttlewick Levity 101850, A. R. 804.4 Fat in G—World's Record when made; Grand Champion cow National Dairy Show, 1927, and highest priced cow of the Breed. We have declined three offers of $50,000 and one of $60,000 cash for this bull. His six nearest ancestors sold for an average of $22,500.

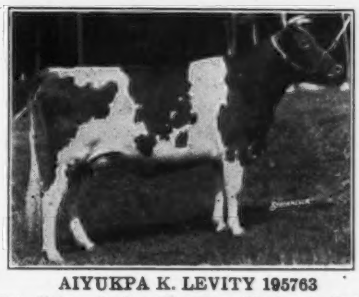
SHUTTLEWICK HAPPY GIRL 146694
506.7 Fat, Class GG; 571.4 lbs. Fat, Class BB. Half sister of Shuttlewick Levity 101850. First Prize four year old, Eastern States Exposition, 1927, and 2d at National Dairy Show. Dam of 1st Prize 2 year old Bull, Eastern States Exposition, 1928.

GOLDEN CORONET OF JEAN DU LUTH 81283
968.8 Fat, Class AA—World's Record when made. Dam of First Prize Senior Yearling Eastern States Exposition, 1927, and 1st prize 2 year old, Eastern States Exposition, 1928



AIYUKPA GOLDEN CORONET 195761
619.2 Fat, Class G
1st Prize Senior Yearling, Eastern States Exposition and Trenton, 1927; 1st two year old Eastern States Exposition; 1928. Dam of 1st Prize Bull Calf, Eastern States Exposition, 1928. Daughter of Golden Coronet of Jean du Luth 81283.

CHERUB'S QUEEN OF THE PRAIRIE 177312
9647.1 Milk, 517.6 Fat, Class GG
Grand Champion Waterloo Dairy Congress, 1926
Junior Champion National Dairy Show and Sesqui-Centennial, 1926
Undefeated two year old
Eastern States Exposition, Trenton, and National Dairy Show, 1927



AIYUKPA K. LEVITY 195763
1st Prize Senior Yearling National Dairy Show, 1927
Sire: Langwater Eastern King 63072. Dam: Shuttlewick Levity 101850.

CAMP AIYUKPA

WILLIAM H. WILLIAMS
Owner

Lyon Mountain, New York

K. C. SLY
Manager

Fitting and Showing

(*Continued from page 80*)

horns again and if they are all right get a little water in a pail, a bar of soap, and a sponge. Then get someone to hold the animal's head for you while you sponge the face, especially the star, or whatever white appears on the face. As the animal eats hay much dust settles on the head and face and its removal adds greatly to the general appearance.

Another idea that works out well is to polish the horns the day before showing if a hard polish is to be used, because another coat of polish the following day will give much better results than the first one on a new surface.

For the noon feed increase the grain and beet pulp slightly. This tends to stimulate the animal and also to increase the milk flow in your milking cows. For the evening feed keep on with the increased amount of grain and beet pulp, cut the water down to one-half and give a full feed of good hay.

After the usual work has been completed it is a good idea to braid the tails. If the switch is first dampened with water containing a little alum the hair will dry stiff, and if the tails are closely braided while still damp they will come out with that fluffy, crinkly appearance that will add much to the appearance of the animal in the ring and to the exhibit as a whole. While the score card allows only a point apiece for the horns and tail they play an important part in making up general appearance and time spent on them is well spent. In themselves they seem insignificant, but taken as a part of the general appearance they can often make an ordinary cow look flashy and *they certainly determine the difference between a herdsman who is doing the work that seems to be required and the one who is so interested in seeing his animals win that he will forget about the work demanded, just so his cattle have every possible advantage he can give them.*

Sometimes it seems advisable to have a man stay up with the cattle all night, but show day is always strenuous and the man who is to do the showing needs a good night's rest in preparation. The same is true of the man who is preparing the cattle for the show ring, but if a third man can be secured, or if enough herds can combine so that no man will need to spend more than two hours with the cattle it may be worth while to keep a man on watch to prevent the cattle from getting dirty and stained during the night. These fresh stains can be readily sponged out in the morning so that no trace will be left at showing time, however, and too much sleep should not be sacrificed in order to prevent them.

The Zero Hour

On the morning of the show day it is always well to get an early start. Give the cattle about a normal feed, or cut down the grain slightly and make up the shortage with beet pulp. Do not water, but give hay. Try to get the whole herd brushed before show time arrives.

Find out what class is to be shown first and about two hours before this class is to be called begin to fill your entry. Give a good liberal feed of beet pulp, with just a little grain, and a small amount of extra salt. If the animal is not sufficiently filled by this and appears ready for more feed, give another feed of beet pulp. If no more feed will be eaten give water, but if more than two pails of water are to be given to a mature animal be sure that the water is not cold enough to chill the animal. Filling for show on water alone is quite likely to result in scouring, besides the fact that it is not a satisfactory fill in the first place. It leaves the animal sluggish and these water-logged animals can be spotted easily. Besides that it wears off rapidly and never can be held for the championships and the groups, whereas the beet pulp fill stays with the animal throughout the day, does not leave them sluggish, and almost never results in scouring. One of the difficulties beginners have is giving their animals too much fill so that they have a barrel-like shape instead of showing the dairy wedges.

As the time arrives for the class to be called strip the blanket and give the animal a brushing with the soft brush, then a rub with a turkish towel carrying just a little oil, and finally a good brisk rub with the palms. Comb out the tail and brush with the stiff brush. Give the horns a last little polish, slip on the show halter or staff, wipe away any hay or feed that may adhere to the muzzle and lead the animal out onto a clean place in the aisle so that the feet can be cleaned.

Up and At Them

Meantime the showman has changed to a clean white suit and has supplied himself with the necessary entry tag or ring card so that all is in readiness for the judge. Begin to show as soon as you step into the ring, do not let your animal mope until everybody arrives and the judge begins intensive study of the class. He may get a glimpse of you and your animal that will show decided weaknesses and the picture will remain in his memory all during the class.

Most animals show themselves as they really are when they are walking and with this in mind the judge will usually start each class by walking the entries around the arena several times and then picking out his tops to line up. While you are walking you should try to keep your animal in full view of the judge and this can best be done by walking in a clockwise direction that puts the man on the outside of the circle. With the judge standing in the middle of the circle he can have a full view of each animal as it passes before him. Not only should you keep showing your animal during this parade but you must also look over the ground you are covering and have a favorable place picked out, in case you have an opportunity to place your animal where you want it.

Try to find a place where your animal can stand with the front feet slightly higher than the rear ones. Try to avoid having your animal come to rest with the front feet lower than the rear ones. Keep an eye on your animal after you get the feet placed and if the head begins to droop create a little interest in some way. If the back begins to sag keep your animal from getting too comfortably settled by shifting the weight from one front foot to the other, because the back must be tense when the weight is being carried on three legs, or the animal may be moved backward a step and then pulled up into the original position again.

Above all, do not expect to support your weight by leaning on the animal. It is bad enough to make her show herself without supporting you in addition. Letting the animal go to sleep while you survey the stands or visit with the ringside is another common habit, and when you see this happening you are likely to hear someone say, "If he had come down a day earlier to see the fair he might be able to help his cattle a little today." Always remember that winning the class is the chief aim, but if that is impossible get as close to the top as possible.

When you reach the top of the class everybody is trying to beat you

(*Please turn to page 126*)

NEWS BRIEFS

Elm Farm Continues

MANY breeders will be interested to know that a small foundation herd has been retained at Elm Farm, owned by Cyrus McCormick, Deerfield, Illinois, and that plans are being made to build a new and better herd. The new manager is R. O. Walker, who was formerly in charge of the McCormick estate. Mr. Walker has simply added the management of the farm to his previous responsibilities. Axel Anderson continues as herdsman.

Boosting With a Purpose

JESSE L. Doan, Carlton County, California, works a most novel plan in boosting Guernseys. The predominance of the Guernsey breed in Carlton County and the high production of the herds are attributed by many of the members to an unusual practice pursued for a long series of years by Mr. Doan, veteran breeder, who travels the roads of the county every spring usually with a registered bull calf in his auto or truck.

Whenever he finds a herd without a pure bred Guernsey bull at its head he sells the animal if he can. If not, he trades the pure bred for the scrub sire. If he cannot persuade the owner to trade he often leaves his own animal on the farm without charge, loans him for two or even three years. Later, the herd owner usually becomes a real buyer of stock from Mr. Doan's breeding herd. At one time he had an even fifty such loaned bulls on Carlton County farms. Now the number is twenty.

The information regarding Mr. Doan's activities comes from George C. Stone, who will be remembered as the owner of Caribou Farm, Duluth, Minnesota, and later of Fairydale Farms, Pawling, New York. It is through much of the breeding of Mr. Stone that the foundation animals in Mr. Doan's herd were secured. We are indebted to Mr. Stone who is now located at La Jolla, California, for this unique article.

Hall to Millerton

WILLIAM George Hall, formerly herdsman for William Rockefeller, has accepted a position as herdsman at Bournedale Farm, Millerton, New York, that is owned by H. F. Andrus and managed by Miss Muriel K. Hill.

Dorman in Charge

J. E. DORMAN, formerly in charge of the western office of the Bureau of Dairy Industry, United States Department of Agriculture, will be superintendent of the intercollegiate dairy cattle judging contest, held under the auspices of the American Dairy Science Association, at the National Dairy Exposition.

For the past seven years W. W. Swett of the department has had charge of this work, but because of the increased activities of the work it will now be taken over by Mr. Dorman.

Death Calls Alfred Hall

BREEDERS were shocked to hear of the death of Alfred Hall, the nephew of Gordon Hall, Osceola Farms, Cranford, New Jersey. He passed away suddenly on June 21. Born in England, he came to this country to live with Mr. Hall and to learn the business. He has been with him a little over six years and liked the country and his work. He was a well mannered, clean cut young man, and was well liked and respected by all who knew him.

New Herd in Oklahoma

EDWIN M. Hill of Muskogee, Oklahoma, has recently purchased a carload of Guernseys through Arthur S. Hyzer, secretary of the Sauk County, Wisconsin, Association. The carload included a herd sire, a son of Queenly's Star Gazer 78074 and out of Flora of Elmshade 75943 that has a record of 12931.5 pounds of milk and 609.1 pounds of butter fat in class A, together with ten pure breds and six grades. They made the 1,100 mile trip from Wisconsin to Oklahoma in good condition.

Another Outbreak

THE Guernsey Weekly Press of June 15 is responsible for the following information on the foot and mouth disease in England: "After an interval of ten weeks of complete freedom from foot and mouth disease in Great Britain, the existence of the disease was confirmed yesterday at a farm at Littleton, Winchester, Hants. An order is now in force prohibiting the movement of animals in an area of approximately fifteen miles radius around the infected premises. The Borough of Southampton, in which is situated the only approved landing place for Channel Islands cattle, is included in the area and the normal trade in cattle from the Channel Islands is therefore interrupted."

Lest We Forget

L. L. CLARKE of Hersman, Illinois, writes: "In memoriam to F. L. Ames. This June was the anniversary of the death of Frederick L. Ames, who passed away on a bright sunny, Sunday afternoon, at his home, Stone House Hill. Would Guernsey cattle have attained their present eminence had not God chosen this particular personage to so develop and perfect them for the world? We owe him our remembrance."

Great Interest But No Story

R. W. KANN, Minot, North Dakota, reports that they held an annual picnic at his farm on June 12 and had an attendance of 400 people. Charles L. Hill was the principal speaker and performed in his usual good style. Many meetings of lesser size have much longer write-ups than this, but the size of the report does not indicate the spirit that was shown at this splendid picnic.

Here is Another

R. A. LAMBERT, Bonnie Brae Farm Clinton, New York, says that he can beat the ninety pound calf announced in the June 1 JOURNAL. He writes: "We had a calf born recently that weighs 110 pounds. It was a heifer sired by Langwater Resolute 93733 and out of Brooklandwood Best Love 137962. She carried her calf eight days over."

Two and 134 Pounds

LLOYD B. Hathaway of Mistland Guernsey Farm, Brush Prairie, Washington, writes that on April 6 Mistland Lady Claire 197138 gave birth to twin bull calves, weighing a total of 134 pounds. The dam is three years and four months old and weighs a little over 800 pounds. They were the first pure bred twins which have been born on the farm.

A Beginner

F. H. REILLY of Farni Farm, South Saint Paul, Minnesota, has filed his first birth report and is beginning to breed Guernseys. It is his intention to build up a small herd and stay with the fawn and whites.

BREEDERS' LIST

Your name may be listed here by states for one year by sending us $5.00. This also entitles you to a year's subscription to the Guernsey Breeders' Journal. If you already subscribe to the Journal an adjustment will be made.

Colorado

Broughton Farm, F. R. Broughton, Montrose

Connecticut

Herbst, John W., (Phone 3253-12) Stamford, (Mailing) Coscob

Florida

Highland Farms, L. R. Caldwell, Lake Wales

Kansas

Glencliff Farm, Paul R. Johnson, Independence
Krueger, R. C., Hartford
Perkins, W. F., Oswego

Maine

Rowell Farm, F. A. Rogers, Eliot

Maryland

France, Dr. Joseph Irwin, Port Deposit

Minnesota

Meeker County Guernsey Breeders' Association, A. H. Neumeyer, Secretary, Dassel
Moosehorn Farm, C. H. Welch & Sons, Barnum

Missouri

Fern Hill Farm, L. E. Vaughan, Oronogo
Lynndale Farm, G. R. Johnson, Hichman Mills

New Hampshire

Atwood's Dairy Farm, E. C. Atwood, Lisbon

New Jersey

Hollow Hill Farm, Mr. and Mrs. Paul Moore, Convent

Ohio

Pleasant View Dairy Farms, Tony Helmstetter, Owner, Angelo Helmstetter, Manager, R. 2, St. Marys

Oregon

Burge, G. H., 220 N. 29th St., Corvallis

Texas

Dixie Meadow Farm, Ed. Riley, Wichita Falls
Mackensen, Louis, R. 1, Box 1060, Houston
Scheid Farm, A. F. Scheid, Whitesboro

Vermont

Beaver Brook, Inc., Wilmington

Virginia

Aquia Guernsey Farm, Henry Moncure, Stafford
Embrey, Alvin T., Fredericksburg, Farm —Hop Yard on the Rappahannock River

Fitting and Showing

(Continued from page 124)

and instead of feeling that the battle has been won you should realize that holding the top is more of a job than reaching it. Remember, also, that you must continue to show as long as the judge can see the animal because the blue ribbon winners must be brought back for the championships and the other animals will be needed in many of the herds and groups.

Do not forget that only one animal can win first place in each class, and that each man judges cattle according to his own ideal, so that no two men see all animals exactly the same. If you do not see why the judge placed the class as he did he will be glad to explain his reasons to you as he had to explain them to himself to arrive at his decision. If his reasons do not stress the points you had in mind, ask about them. You may be placing undue emphasis upon minor points and in this way arrive at a biased opinion. If your ideal is at fault this fact will appear as you show under different judges in succeeding weeks, and you should correct your ideal before criticising, or if you still feel that your point is well taken you must realize that it takes time to change the ideal and that your point will not be widely credited until it is widely adopted by breeders.

Herds and groups are won by uniformity rather than by excellence of one or two outstanding individuals and must be made up accordingly. For instance, if a get of sire shows one outstandingly good animal and three mediocre ones it is reasonable to conclude that the excellence of the one is probably more directly traceable to the dam than to the sire.

The points which apply to one show apply equally well to the succeeding ones, and while the process is simplified somewhat as the cattle

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become accustomed to the constantly changing surroundings and conditions, the feeding is an ever-recurring problem. One animal will put on weight rapidly and unless the feed is cut down will show coarse shoulders and a beefy type. Another will lose weight unless fed more heavily on the road than at home, in fact each animal reacts differently and you have just as many feeding problems as you have animals in the herd, and none of them are ever permanently settled.

As long as you are working with show cattle you are competing with a lot of showmen all over the country and you must keep on your toes or the procession will march right by and leave you marking time. It is this spirit of combat and progress that gets so deeply established in the systems of all showmen and makes it so difficult for them to break away from the show ring. The advertising value of a show herd depends not only upon the ribbons you can win but upon the contacts you can establish and the impression you leave with the people who see your exhibit. If properly used it is a most effective advertising means, and that this fact is appreciated is attested by the ever increasing numbers of Guernseys which are being shown.

Elkhart Field Day

(Continued from page 120)

Sodus, Michigan, and W. D. Burrington, field representative for the Michigan Guernsey Breeders' Association. All three of these men were called upon for remarks and gave the Indiana breeders three very enjoyable and worthwhile talks. The two veteran breeders from Sodus urged the Indiana breeders to attend the field day of the Michigan Breeders' Association at Berrien Springs on August 22, and Mr. Hemingway gave the breeders some pointers on the growing of their young stock. The remarks of Mr. Burrington on the building of county and state associations and experiences which the Michigan breeders have had was exceptionally well received. We are sure that his remarks made friends in Indiana for both him and the Michigan association.

Following him, R. L. Holden, field representative for THE AMERICAN GUERNSEY CATTLE CLUB, spoke further on the accomplishments and plans of the Indiana Guernsey Breeders' Association. He gave a picture of what these county and state associations, and the activities which they involve, mean

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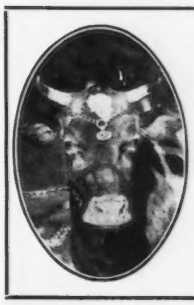

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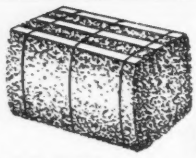

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to the individual breeder, and in the course of his remarks laid special emphasis on the need for a more wide-spread and more careful keeping of accurate records of the breeding of herds.

Mr. Wigman then made a few remarks on the Guernsey business and took the crowd to the barns where he gave a discussion of Guernsey type, using six bulls and a number of heifers which had been brought to the Elliott farm by various breeders. The Elkhart County Guernsey Breeders' Association has been holding monthly meetings for more than two years. This discussion of type was in line with the study that the breeders have been giving their breeding operations in these meetings.

The meetings have brought about a notable increase in thoughtful interest both in the breed itself and in the art of breeding. The formation of the all-Guernsey cow-testing association is one result, and quite an intense desire for better bulls is another result. The county association now has twenty-eight paid up members who are automatically members of the state association. It is the largest county unit affiliated with the Indiana Guernsey Breeders' Association.

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Keep Young Heifers Growing

IT too often happens that young dairy calves are neglected after they have been weaned. It pays to feed some grain in addition to the pasture or hay. This not only keeps the heifers growing as they should, but it satisfies a craving that young stock have. When the herd is on full pasture the cattle generally get less attention and the fall calves turned out to pasture are not given much consideration, or at least as much as they should have to get along properly.

At one time I had a large herd of cattle and young growing stock. That was some years ago. I always provided several small pastures of from five to eight acres each, there being about twenty acres in the field. Two small brooks ran through this field. The stock always had an abundance of fresh water and I had it so arranged that they could get the water in which ever pasture I turned the herd into. There were also several large shade trees. These trees were of immediate value from a pasture-field standpoint since they furnished shade and the young calves had ideal conditions. That is important during fly time.

The young stock were fed their grain in a bunk and never any more than they would clean up in a comparatively short time. I never allow stale feed to lie around as it gets mouldy, is unfit as a food, and attracts flies. During fly time and when pastures were a little short, I always increased the amount of grain so that the young heifers would not suffer any setback. Oats and corn were the main feeds and they are the ideal feeds for growing stock and can be raised on almost every farm.

If oilmeal is kept on hand, a little in the grain, I find, is a good conditioner. By feeding grain once a day will help to develop big, strong, healthy heifers which will make full grown cows and that if rightly bred will increase the value of any herd. Heifers which are so fed and if other conditions are ideal and they are kept in good growing condition, should make a pound gain daily, or even better. It is important, however, to keep them growing right from the time they are weaned from the mother cow, since they will make but little body growth from breeding until after the first lactation period.

Some bulky feed, such as alfalfa or clover and this supplemented with a small amount of silage during the following winter with an addition of about two pounds of grain, depending on the size of the heifer, will develop the body, make it strong in bone and muscle, and make a vigorous heifer. I have found that liberal feeding always pays at this period if the heifers are to make the most gains.

Then again, spring and summer calves will need more grain and much less silage, but the same amount of good care. In feeding grain I have found a safe practice to follow is to feed one pound for the first 100 pounds of live weight, and about one-half pound, not more, for each additional 100 pounds.

Ordinarily heifers will eat up

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clean from ten to fifteen pounds of silage, about six pounds of hay, either clover or alfalfa, and two pounds of grain a day. If we do not have the silage then the amount of hay may be doubled and an additional pound of grain added to make up for the lack of silage in the ration. This feed is bulky and at the same time it has largely the necessary growth-producing elements, but the heifers will not always gain as they should. The small amount of silage fed is important.

I have observed another thing that is worthy of mention—that young heifers which are well fed seem to grow not only a little larger, but are coarser than those kept in a comparatively thin condition. This, however, can be corrected. Under the strain of heavy milk production the coarseness usually disappears unless the heifers have been kept in an overly fat condition for a long period, that should never happen at any time.

Over-feeding to cause this condition is never desirable in young stock from any standpoint, except for beef. When we consider that milk production is a very severe tax on the young heifer we should never expect much growth from her while milking. For that very reason I have found that from a financial standpoint, good care and feeding is absolutely necessary in order to properly develop plenty of size before she is bred, which too is a matter of great importance if we are to get maximum results later on, and which we have a perfect right to expect where these rules have been strictly adhered to.

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